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Dr. Alhajji Speaks to CSM Alumni

Faisal G. Hashem

At a luncheon, Dr. Anas Alhajji started his speech by stating how proud he was of his students. Hugh Evans, a CSM

alum, board member, and former student of Dr. Alhajji agreed that he expects a lot from his future engineers, but he also

got used up causing even lower inventories.

There seems always to be a couple of conspiracy theories hanging around and Alhajji dismissed them all, noting however that the industry appears to be somewhat self-setting by price signaling. He noted that the media fails to take a proactive roll in disseminating current, correctly analyzed information. They are basically oil industry ignorant.

The new government mandated additives, Alhajji informed his audience, cannot be mixed with the old ones and therefore new storage tanks must be used when converting to the new standard. Further complicating matters is the fact that the Unical company has a patent on the rather simple manufacturing process. Industry progress toward compliance and retooling has been slowed because of the high costs of purchasing a production license. This has also retarded any US hopes to shift further from importation toward domestic reliance. The result of course is higher gas prices.

Most analysts professing the future, Alhajji cited will easily conclude that gas prices must go up due to limited refining capacity. Production is "now at 96 % and going any higher is mechan-

cally challenging." And now there is OSHA too.

To top off the natural and environmental concerns, the media plays a negative roll making outrageous and inaccurate assertions. "They are ignorant," said Alhajji. Although Bush may relax the current environmental restrictions, new facilities require "normal maintenance time." It is also the industry's first experience with this reformulated gas. Imports do help. However if other nations' excess supplies drop down significantly, prices will soon go up even more.

Dr. Alhajji exposed the fact that although we already have an excellent energy policy in place, the state department is often toying with it, rendering it worthless. Due to our environmental policies it is not economical to build more refineries and even dismantling them is so costly that many of them must remain productive while currently operating at a loss. Bush, though surrounded by "oil people," inher-

its a political system already in motion. His campaign goals may not be ideally matched.

The Middle East issues...having the facilities but lacking quality labor. The MTBE restrictions...law suits...leaking tanks contaminating the ground water, the 1973 Venezuela split from OPEC, California power having problems much like the oil industry with the EPA, though re-regulating rather than deregulating...this should have

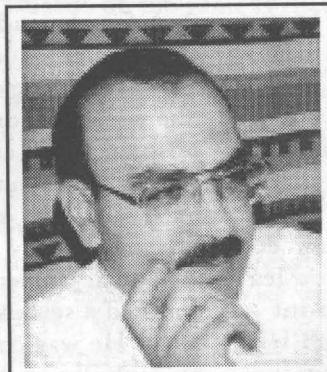
benefited the consumer but the opposite happened. His examples poured in. Dr. Alhajji covered the subject of oil thoroughly. "OPEC does not regulate in the US. The problem is our policy," came yet another demystifying comment. He spoke of embargoes and labor strikes too.

Dr. Alhajji finally gave some suggestions on how we can play well with others. But the gist of it all was the virtues of critical analysis and simply being better informed.

Dr. Alhajji is a CSM professor in the business and economic department and can be contacted at aalhajji@mines.edu.



Despite the bitter cold wind, ATO member Rob Applegate walked around Mines on Valentines Day campus selling carnations. The profits went to charity. Photo by Daniel Adams



Dr. Alhajji

Students Unaware of Some Safe-Sex Practices

More than one third of sexually active college students in a recent survey avoided telling their partners about previous sexual partners, according to a study by a researcher at Texas Christian University in Fort Worth. "And nearly a quarter of the sexually active students had intentionally lied to their lovers about their number of sexual partners," says Anne E. Lucchetti, assistant professor of speech communication at TCU.

The results of the survey of 364 undergraduates indicate that many college students may not know that disclosing their sexual history is a safe-sex practice, says Lucchetti.

Public health experts say that each additional sexual partner puts

an individual at increased risk of exposure to a sexually transmitted disease and increases the distribution of such pathogens.

"The good news is that most students who do know that telling their partners is a safe-sex practice appear to be willing to tell them. These results suggest that future safe-sex campaigns on college campuses need to continue to dispense educational information."

Lucchetti's findings are detailed in an article titled "Deception in Disclosing One's Sexual History: Safe Sex Avoidance or Ignorance?" It was published in Volume 47 of Communication Quarterly, a professional journal, which came out in the summer of 2000. She found that while virtually all

students felt knowledgeable about safe sex activities, more than 40 percent did not know that disclosing one's sexual history was a safe-sex practice.

People between the ages of 15 and 29 contract 86 percent of all sexually transmitted diseases, according to the U.S. Public Health Service. Because of this, Lucchetti recommends that safe sex campaigns should go beyond offering educational information and give students techniques on how to disclose their sexual history without causing hurt to themselves, their partner, or to the developing relationship.

"Presently, we do not have good models for talking about one's sexual history with a poten-

tial lover," she notes. Previous research has shown that most sexually active college students are comfortable discussing condom use but not their own past actions and behaviors.

Dishonesty in sexual relationships is not only risky in increasing the potential for contracting a disease, Lucchetti observes. It also places the relationship at risk emotionally. Once the lie is discovered the partner who has been lied to will have less trust of his or her partner.

"With a college student population, (we) must change perceptions of talking about sexual histories by demonstrating that such conversations can increase rather than decrease trust and intimacy," notes Lucchetti.

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Crime At Mines

Gina Gassman

Under-Aged Drinking

Two DUI arrests were made at Bradford Hall two weeks ago.

Burglaries on Campus

A car was broken into by means of a missing or broken rear window, and the stereo was taken.

At the location of the new fraternity house for Phi Gamma Delta Fraternity, the construction office trailer was damaged in an attempt to steal an FCI Construction Company sign.

Going up in Flames

The CSM Department of Public Safety helped to direct traffic as the Gold Fire Department extinguished a fire that had broken out above the Buffalo Rose on the north east corner of 13th St. and Washington.

Mishaps at Mines

A leak in a heating coil caused a severe water leak from the ceiling in front of room 336 of Coolbaugh Hall. This caused a mild disturbance, but the leak has been repaired and all should be back to normal soon.

Trespassing

It was reported that a trespasser(s) at the Sigma Kappa house might have stolen some items from the house. It is not known whether this incident was just a harmless prank, or something more serious.

A teenager was riding a "go-ped" all over Mines Park, and

was reported to Public Safety because there was concern that someone might get hurt.

Missing a Computer?

Two computer CPUs labeled with CSM stickers and serial numbers were picked up from the Wheat Ridge Police Department upon notification that they had the CPUs. Public Safety immediately notified the appropriate administrative offices to inform them that the CPUs had been returned, however, there had been no report of any loss or theft of these units.

Injured Students

A female student fell down in the basement of Hill Hall as a result of losing consciousness. She was transported to a local hospital by an ambulance for further examination. Other details are not known at this time.

A male student passed out and had a seizure in Alderson Hall. He was checked out by an ambulance crew who reported that he had low blood sugar and suggested that he have something to eat.

Public Safety on the Look-out for Traffic Violators!

In the past two weeks there has been an unusual increase in traffic violations on and near campus including not stopping for stop signs, speeding, high speed turns, and not using turn signals. Public Safety is enforcing all violations in full.

The Russians are Coming....

Rusty Lannin

Dr. Boris Yatskevich, The Minister of Natural Resources of The Russia Federation came to CSM on Friday, Feb. 9. The Minister was introduced by the Head of the Mining Department Dr. Tibor G. Rozgonyi, then the Minister went on to give a thorough talk about the present day conditions of the Russian government and investment opportunities for industry. The Minister spoke Russian and through a translator he said "...it is a great pleasure for me to speak at such a renowned university...that has given the world many famous scientists...many bright discoveries."

He went on to say that his agency was in charge of 4 governmental services under his umbrella included the state geological service, state forestry service, state water resources, and the state EPA (environmental protection agency). Given the fact that Russia has 25% of all the worlds' forest, 20% of the worlds fresh water reserves, and enormous quantities of various minerals, his agency governs over a vast area that one can only guess at.

The Minister said that Russia has 35% of the worlds gas reserve, 12% of the worlds total petroleum reserves, 27% of the worlds iron and tin ores and "the list goes on." His ministry is spread throughout the Russian Federation. There are 50 research and scientific insti-

tutes that are part of the ministry. There are over 243,000 employees in this ministry that work directly for him.

The Minister then focused his talk on geology, minerals, mineral sources, oil and gas, and the possibility of investment in these industries. When commenting on the economy and political atmosphere the Minister said, "I think that all of the sober thinking people around the world should assess the present day political situation in Russia as stable." He then continued to say that the president currently has a popularity rating of over 90% and the legislative body of the government has enjoyed fairly constructive relations in recent years compared to the past. The GDP and capital investment both grew, as well as almost all spheres of industry in the year 2000 compared to 1999.

The Minister admitted that there are some voices in the Russian media, which say this period of growth is ending. He countered this by saying "When things are bad, everybody keeps talking about how bad they are, but when things are good for some reason Russians like to think that they're going to get worse."

The Minister also said that the government is working hard and is conscious of the mistakes they have made but they are willing to take the heat when this happens and fix

them. He went on to say that there is a civilized division of authority in Russia and they are fighting different objectives. The first being corruption, which he does not feel is more prevalent in Russia than anywhere else in the world, but for some reason "Russia really likes to display all of its aches and pains to the public eye."

Then the talk turned to the betterment of the Russian people. The Minister felt that this is a time for Russia's friends to help with the endeavor of increasing the industrial output of Russian facilities. He said that he feels that Russia is going to be ok and in five to ten years the world will see remarkable changes.

"What we are undergoing right now is unprecedented ... from an ... extensive police state to a democratic open and free society." The Minister assured the audience that presently they have everything in place for investing in Russia. When Russia asked various international forums about claims against them, "we did not hear any serious criticism that would inhibit or prevent investment in Russia".

In the closing part of the Minister's talk, he repeatedly stated that Russia is widely open to foreign investments that are mutually beneficial to both parties. Following this the Minister took a few questions and concluded his talk.

"Into The Streets" Organizations and Projects Recognized

The first annual ASCSM "Into the Streets" community service project was held February 3rd. 167 students from the following organizations participated in Into the Streets:

Alpha Phi
Alpha Phi Omega
Alpha Tau Omega
ASCSM

Blue Key
Circle K
Kappa Sigma
Pi Beta Phi

Sigma Alpha Epsilon
Sigma Kappa
Sigma Nu
Sigma Phi Epsilon

The students that participated in this event met at the student center and then got in vans to go out to their project sites. Projects included:

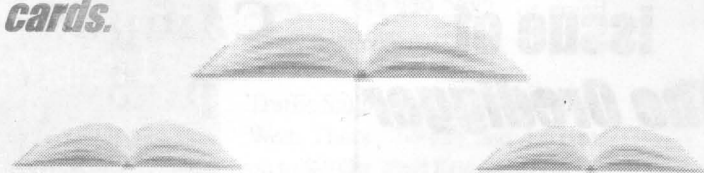
Volunteering at the Joe Davies Invitational track meet at CSM
Sorting donations at Arapahoe House
Cleaning up a playground for Butterfly Hope
Cleaning, doing yard work, and playing with puppies at the humane society
Working in the warehouse at the Denver Rescue Mission
Doing maintenance work for Homecare for Independent Living
Visiting with Senior Citizens at a retirement home
Painting the new CSM public safety headquarters
Painting at the Allison Care Center
Doing yardwork and house work for members of the Golden Community
Housekeeping for the Colorado Easter Seals Camp in Empire

Participants were treated to a free lunch on Monday, Feb 5 in the Green Center.

Corporate sponsors for the event were Level 3 communications, Pizza Hut of Golden, the CSM Credit Union, and Foss Drug.

The Arthur Lakes Library will be holding its annual booksale the week of Feb. 19-23.

Thousands of books in areas of interest to Mines students and faculty will be sold at bargain prices. Prices for hard-back books are \$10 the first day and drop half price each day of the sale. A selection are rare, collectible books will be specially priced the first morning of the sale and sold by silent auction. Hours are Monday, February 19, 9:00AM to 7:00PM, and Tuesday to Friday, 9:00AM to 4:00PM. Checks are accepted, but not credit cards.



The Bush Twins Head for Washington

Rusty Lannin

Now that there is a new President, we have a new set of "First Children." After eight years of Chelsea, it is now time to familiarize yourself with Barbara and Jenna Bush.

The Bushes had already applied to adopt a child when Mrs. Bush became pregnant, three years after they married. It was a tough pregnancy: Laura developed toxemia. The Bush twins are fraternal twins, born five weeks premature on Nov. 25, 1981 in Dallas. Coming first, Barbara was named after her paternal grandmother Jenna was named after her maternal grandmother. The twins were big for their age at 5 lbs., 4 oz. and 4 lbs., 12 oz., and both very healthy. Pres. Bush Sr. wrote in his autobiography "There was a lot of interest in the new granddaughters; they held their first press conference two hours after they were born."

On their sixth birthday, the girls joined grandmother Barbara Bush in a cherry picker to put the final ornament on a 32-foot-tall Christmas tree near the White House.

But sometimes the twins were a bit too much to handle. They clogged an airplane toilet with paper on a flight from Texas to Washington the day after their grandfather was elected president in 1988. "I was up to my elbows pulling it out," former first lady Barbara Bush recalled in her memoirs. The twins regularly spent part of their summers with their grandparents at the family's seaside home in Kennebunkport, Maine. "Boot camp" was their father's way of referring to the annual visits, because of his mother's reputation for instilling discipline.

When Millie, former first lady dog, had puppies in 1989, Barbara Bush delivered one to the

twins in Dallas. They named the pup after their favorite baseball player Scott Fletcher, "Spot Fletcher."

At the age of 13, the twins and their parents moved into the Texas governor's mansion. Since then, Barbara and Jenna Bush have kept away from the press and their parents have tried to keep the press away from them. News organizations say that as long as their daughters don't make news they'll abide by the Bushes request for privacy. After an Associated Press reporter, Connie Mabin, wrote about the twins' graduation in May, Bush made a point of bypassing her when greeting reporters at an event with Colin Powell.

There has always been plenty of interest in the girls. Their great-grandfather George Prescott was a U.S. senator. Their grandfather George Bush was President of the United States. Their uncle Jeb is governor of Florida. To top that list, their father is now president. Even with this, Tina Juarez, principal at Stephen F. Austin High School says of them, "They are so normal. You can't pick them out from any other student here at Austin High." And by all accounts, that is the way Barbara and Jenna Bush want it.

Jenna was voted by her classmates as "most likely to trip on prom night." Bush humorously said his "feisty daughter Jenna ... is Barbara's [the former first lady's] revenge" on him. Jenna wrote features for the student newspaper, *The Maroon*. Dubbed the "doughnut girl" for customarily treating her journalism class to snacks in the morning, Jenna was also voted senior class vice president and was a member of the student council. Her classmate Valerie Turullols recalls her as, "a really nice girl and really smart, too. I definitely think she's

ambitious. She takes on a lot in classes."

Barbara was voted "most likely to appear on the cover of *Vogue*." Barbara is quieter than her sister and carries her father's athletic traits, but is a physical copy of her mother. She runs cross-country and plays softball when she can. Her senior year, she was elected homecoming queen. Turullols also recalls thinking, "Barbara Bush. Hmm, it's funny she has that name." She also said that, "you don't even notice anything different except for twice a year when the Secret Service was at parent night," she said. "That was kind of odd."

There were also bonuses to being from a famous family. For example, Jenna hosted a party for members of the high school publications at the governor's mansion. Also, there was once a bomb scare called in, and the twins were taken out of school before everyone else.

The twin's high school graduation was like any others. Now Barbara will follow in the family footsteps and study at Yale in the fall, just as her father, grandfather and great-grandfather did in the past. Jenna will attend the second-largest university in the United States, University of Texas at Austin. The twin's favorite musician is Robert Earl Keen, a college country singer.

President Bush's main comment on his daughters is, "I know what it's like to be the son of a president, but I don't know what it's like to be the son of a president at 18 years old. I'm worried about that point." Though he also said that when he kicked off his 2000 campaign, he used to tell crowds that one daughter had warned him that he wasn't "half as cool as people think." Just so you know, that was Jenna.

Your Tech Fee At Work

Laura Guy

It is an amazing scenario. In the Library, you wander the floors with your notebook, always connected to the campus LAN. You can access the Library's online catalog, its journal and information databases, and other campus and Internet resources. More than a fantasy, this scenario is now a reality at Arthur Lakes Library, with the addition of a new wireless local-area network (WLAN), funded by campus Technology Fees.

The Library's new WLAN enables users to establish and maintain a wireless network connection throughout the Library, without the limitations of wires or cables. The WLAN combines the mobility and flexibility Library patrons want, with the throughput and security they need.

In comprehensible terms, a WLAN does exactly what the name implies: it provides all the features and benefits of traditional LAN technologies such as Ethernet and Token Ring, but without the wires: connectivity no longer requires attachment.

WLANs use a transmission medium, just like wired LANs. Instead of using twisted-pair or fiber-optic cable, WLANs use either infrared light (IR) or radio frequencies (RF). Of the two, RF is far more popular for its longer-range, higher-bandwidth, and wider coverage, and this is the transmission medium utilized by the Library

WLAN. The WLAN supports data rates up to 11 Mbps with a range of 400 feet (120m).

Multiple WLAN Base Stations have been placed throughout the Library to provide users equipped with laptop PC client adapter cards the ability to move freely throughout the building while maintaining uninterrupted access to all network resources. Coverage includes the first through fourth floors of the Library.

The client adapter ("wireless") cards can be booked in advance and checked out for 4-hour periods at the Library's Circulation Desk. The user's laptop must be equipped with a PCMCIA card Type II or Type III slot in order to accommodate the client adapter card. The PC Cards are very easy to install and set-up. The first time a user charges a client adapter card from the Circulation Desk, they must go to the Computer Center to have Help Desk staff install and configure the software.

Arthur Lakes Library Technology Staff believe that the adoption rate of wireless technology will increase as more students get laptops, and especially as final exams approach and students want to maximize their time. With WLAN technology, users can get a lot more done in the Library. The network now moves with them so they have access from a variety of locations.

Universities To End Free Internet Access

New York Times

In the Internet's infancy, colleges and universities were among its biggest supporters. In recent years, students have had unlimited free access. That's all about to end as students are using it more for entertainment than for research. Institutions such as the University of Pennsylvania have begun to charge students for Internet access. The school's mandatory \$180 fee is bundled into housing fees. Penn is also considering charging students for the amount of bandwidth they use as Clemson University does now. Providing free Internet access had cost Penn more than \$1 million a year. Other universities, such as Vassar, have developed "bandwidth shaping" systems designed to reduce the strain on the computer network. However, with the rapid changes

in technology and increasing access, Duke University has avoided charging students. Time and the marketplace could make these concerns a non-issue, Michael Pickett, special assistant to the provost for academic technology and associate chief information officer at Duke, in an article in the New York Times. "What if [students] come with wireless access already, just like they come with cell phones now?"

Some universities recommend that institutions include the cost for Internet access into student fees or require students to pay for their own Internet service provider. However, if they decide to charge students outright, it could encourage them to think of Internet access as a resource that needs to be managed.

Civil Engineering Intern Position

This position will require you to assist the Design Engineer. You will be preparing construction plans for residential, commercial, and industrial subdivisions. You must have experience in preparing designs for municipal road and highway systems, grading plans, storm sewer systems, water distribution systems, sanitary sewer collection systems, erosion control plans, and other design reports. Knowledge of AutoCAD 2000, Land Development Desktop (LDD), word processing, spreadsheet, and scheduling software is also needed.

Contact Doug Hutton at 303 224-4475

Local Artist Featured at Mines

David Gardner, a local artist, currently has a small exhibition in the Arthur Lakes Library of new watercolor paintings of old mines and mining sites. He is intrigued by strong geometric shapes and uses bold design and color in his work. The paintings are for sale through the artist, with a portion of any sales going to the Library. The exhibition will be in place until April 27, 2001.

Explosives Engineering at CSM

Faisal G. Hashem

They all said they had a blast! Of course they did, it's an explosives engineering class.

Two weeks ago, David Mosch drove a van of ten CSM students to the Orica manufacturing facility. Orica is a French Canadian based explosives manufacturing company known as "the blasting professionals." They have a research center just southeast of Denver. Upon the students' arrival, they were greeted by Dr. Richard Turcotte, Orica's technology group senior development scientist and an applied physicist, who gave them over an hour of lecture and fielded many challenging questions.

Orica will be building a pilot plant in Colorado soon which they eventually will expand to a full production facility. Their expertise ranges from slurries and gels to initiation systems, dynamites, technical services and delivery systems. The students learned about Orica's microspheres technology for explosives performance management and the methods they use to achieve on-the-spot density selectability. Students say it was evident that Orica works to maintain consistency and high quality products. "If one of us had any doubts about working with explosives before, they are gone now" said a student. Their facility was immaculate.

Orica has indicated interest in recruiting from Mines and wishes to develop a relationship with the mining engineering department's explosives engineering MNGN423 class and the newly formed CSM International Society of Explosives Engineers organization (CSM-ISEE.)

The Orica lecture left no stone unturned. Turcotte discussed the typical explosives customers, operational costs, product selection parameters, properties of the various explosives, properties of initiation, and product concerns. He fielded many questions in great depth such as the oxygen balance, dead pressing, hot spots and aluminum grain size.

Students then toured Orica's labs, seeing samples of their research, testing equipment, and some developmental techniques. Finally they went to a test chamber, where they participated in "shooting" two kilograms of explosive.

Turcotte offered them future lessons on the other components of explosives engineering which the students are currently studying. They went home exhausted, with pages of notes and a profoundly enjoyable experience.

That was two weeks ago. Last week, Steve Chung, also from Orica, gave the group a lecture on blasting techniques. They then studied and worked with several modeling programs. The CSM-ISEE is now seriously considering making the development of computer modeling software a fulltime club project.

The Colorado ISEE chapter is also interested in CSM and may soon offer the club some grant money for projects and/or club operations.

The mining department has a solid start for both the class and the club. The school's administration has shown a great deal of support as well. For persons interested in knowing more about the CSM explosives engineering community, contact Jenn Kramb at jkramb@mines.edu.



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Mines Police Get New Home

Faisal G. Hashem

I asked police chief Richard Boyd why Mines police were moving from the military science building which recently housed their department. He said that the obvious reason they are vacating their current home is due to the school's renovation and building projects. The building they are moving out of will soon be replaced by a laboratory facility and the new geology museum.

The new "cop-shop" is on 19th

street and is much more accessible to students and visitors alike. It also has its own parking lot and is more visible to the public.

The Mines police has been, totally functional in terms of their communications and operations during the moving process. They never sacrificed their ability to perform their duties. They are settling in quite well and even expect to expand the new facility in the future as their budget permits.

This facility contains an evidence lockup room and some equipment lockers. However, it is currently a little smaller than the old building though according to chief Boyd "it is laid out better. Everybody is happy." They will soon have a big sign in front and expect to do some landscaping, too.

Mines police will have an open house soon, hopefully in late March or early April.



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Yes to Free Trade, No to the WTO

Laura Anderson

The rise of the WTO has brought trade to the forefront of public debate. Recent demonstrations in Seattle testify to the volatility of the issue. In a world of increasing globalization, how can trade be optimally managed? Free trade advocates butt heads with national and corporate interest groups, all actors in the continual struggle for resources, power, and wealth. While free trade has the potential to create the greatest good for the greatest number, it falls short of this aim when actually attempted.

Free trade benefits all nations involved, as it allows each country to specialize in those goods it most efficiently produces. In theory, this is called comparative advantage: If two nations produce the same two goods, they both benefit if each produces one good more cheaply and then trades for the other. Free trade allows workers and businesses to become more efficient and to better utilize the resources available in their given location. Furthermore, free trade gives nations access to goods they simply cannot produce, while creating new international markets

for their own products.

However, comparative advantage may be a fallacious theory used by western, more prosperous nations to justify the exploitation of their underdeveloped counterparts. While comparative advantage assumes both nations' ability to produce the same goods, most western/European nations cannot produce the products they gain from more tropical, yet less-developed, nations. While trade supposedly should benefit all parties nonetheless, disadvantaged nations find themselves weakened and trapped, much as their colonial predecessors. Because they specialize in producing raw mineral and agricultural products for export (their "comparative advantage"), they lack the finished products, which they must then import from industrial countries. The results of this cycle are two-fold: "The first is the re-emergence of an inverse relation between agricultural exports and domestic food availability, and the second is de-industrialization." By specializing in raw material exports, they cannot develop the industries needed to support even their most basic needs, such as food

production and distribution.

Underdeveloped nations are not alone in decrying free trade; many developed nations also believe the system compromises their interests, whether economic, environmental, or social. Economically, producers and workers fear losing production and jobs to foreign nations. When NAFTA was proposed, for example, Americans feared "massive unemployment as a result of jobs fleeing south into a low-wage economy." With free trade, companies must also compete with foreign producers, whose products may be cheaper. This could potentially drive them out of business. Environmentally, free trade can cause production to shift to countries with fewer environmental regulations (as this is cheaper for producers), thus increasing pollution. Furthermore, imports are often less expensive at the expense of labor exploitation, such as child labor.

Thus, even when free trade is economically advantageous, it may not be morally justifiable.

While businesses and workers may fear free trade, the society as a whole benefits economically:

"The available evidence suggests that the wealthiest countries are those whose borders are the most open to trade, and that the poorest are those whose borders are least open to trade." Imports bought at



a lower world price greatly increase the consumer surplus, an increase which outweighs the decrease in producer surplus. Thus, the overall welfare of society, defined as the sum of consumer surplus and producer surplus, increases with free trade. Producers also gain overall. Those driven out of business move to an area where they are more efficient, while all producers gain a larger market, and thus demand, for their goods.

Free trade, in its pure form, proves economically and morally justifiable. The economics allow each individual to develop a specialty that maximizes his income, while maintaining access to other wanted or needed goods at a price lower than his production capabilities. Morally, free trade upholds the individual's right to freely choose "what goods and services to buy and from whom to buy them." However, it is impossible to limit trade to a purely individual level, and this is where complications arise. As corporations and governments enter the scene, individual choices give way to majority rule or bureaucratic interests. Herein lies the major critique of the WTO. Instead of freeing trade, the organization simply re-regulates trade to suit the interests of member nations. While beneficial to some, such an organization by no means promotes the interests of all. Thus, we are left with a power struggle that often limits freedom in the name of "free trade."

This article was written as partial fulfillment for EBGN 211, Principles of Economics.

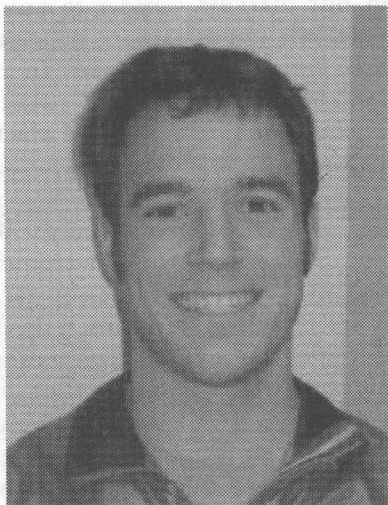
Free Trade or Slave Trade

Eamon Gardner

Americans love anything that is associated with 'free'. Freedom, free speech, freedom of press, free food, free beer, welfare – the free ride. Everywhere we turn there is something new to slap the word 'free' in front of and start some noble cause. It is of no surprise that the idea

of Free Trade is spreading so quickly among college campuses. You can hardly find someone opposed to the idea. Why would someone oppose Free Trade? Of course people recognize, although they do not necessarily agree with, reasons for trade regulation such as national security (protecting industries that are vital in times of war), but from an economic standpoint, trade regulations seem only to stand in the way of a greater prosperity for all.

I will neither argue nor concede the point on whether Free Trade promotes a greater prosperity for all nations, but I hardly find truth in an economic argument for Americans to promote Free Trade. And it is the good



of America, perhaps at the expense of other nations, that I am in favor of. I will even go farther in saying that Americans should oppose Free Trade in order to *not* create a level playing field where other countries could catch up to us. Bump-crunch, I think I just ran over the

poster-child for the politically correct in a school zone. So let us debate the question of whether or not Free Trade benefits America.

Yes, I know you all learned in your economics class that if you

draw your little supply-demand market diagram with Free Trade and then without it, you clearly show that the increase in consumer surplus outweighs the losses to producer surplus. That means that with free trade we will create a greater total surplus and we will see improvements in our economy. And there you have it. So why are leading economists (obviously very smart) and government officials (here intelligence is questionable)

finding the topic so controversial? Don't they all know how to draw that pretty little diagram (Can you sense the sarcasm)?

If you were smart enough to remember that much from economics, perhaps you remember the assumption you made in order to draw the market diagram. *Ceteris Paribus* – all other things are held constant. Considering the endless amounts of factors that would effect such a market, I find it difficult to warrant any decision based on such a gross estimation. In fact using only a basic level of logic and economics, I would find it easier to assume Free Trade is harmful to Americans.

First of all let us recognize that the U.S. is one of the most, if not the most, economically powerful and successful countries in the world. I hope there is no argument over that fact. Second we will assume that there is a limit on the resources, products and services that produce economic wealth. If we are going to supply an economic argument than scarcity is a fact, and therefore the second assumption must be true. If, as Free Trade supporters claim, Free Trade will help all nations and the global market place then we must assume that the less economically powerful countries of today, will have greater economic power in

the future. This is the leveling of the playing field I mentioned earlier. The economically powerful countries will not be as relatively powerful, and because wealth is relative the rich will not be as rich.

As I see it, the U.S. is in a fine position as is. To support Free Trade, would be to encourage or own demise. So far NAFTA (North American Free Trade Agreement) has been a perfect example of this.

Free Trade advocates use Mexico's success since the initiation of NAFTA in 1993 as some sort of support to the success of Free Trade. They say that NAFTA has forced Mexico to compete but has also given them clear and fair entrance into foreign markets. They are right Mexico has profited from NAFTA, but I live north of the border and last time I checked no Americans (except maybe criminals) were jumping the border in that direction.

In fact NAFTA has been anything but profitable for the United States. Prior to NAFTA, the United States ran a \$1.7 billion trade surplus to Mexico, but with the flood of American businesses to Mexico in search of lower wages and less stringent policies, the U.S. has run (depending on the source) around a \$16 billion trade deficit.

Critics may say I don't care for others, perhaps call me self-serving. But Free Trade doesn't exactly have a concern for the children and sweatshop workers that are being mistreated on a daily basis in order to keep the production cost low in other countries. I am sure you must recognize that under Free Trade their position could only become worse not better. (Cost of factors of production must stay low, and they are a factor of production there.)

Most Americans are like me, you may deny it but it is true. Quit with your nobility act, last time I checked we didn't cry out when the U.S. wanted to oppress the right to have children for women in India or China. Our nation supports the dictatorships in Argentina, the Middle East, and even when Pinochet ruled Chile. We didn't cry out then because it didn't help America, why should our view change when it comes to Free Trade. And for those of you who still need to free something, how about you free those children and abused workers, and worry about freeing trade when everyone benefits.

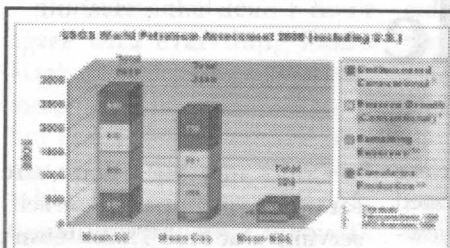
This article was written as partial fulfillment for EBGN 311, Principles of Microeconomics.

Is Oil Depletion Around the Corner?

William Martinez

Oil scarcity has been a topic of permanent discussion for many years. As population continues to increase, alarming speculations about oil production shortages are very common. The oil industry is the most important industry that powers the global economy. Therefore, it is crucial to know the estimations for the remaining oil reserves still waiting to be discovered. There are two different positions concerning this issue. Some experts argue that the discovery of oil reserves reached its maximum during the 60s; the global oil production will reach its peak during the following 10 years, and so it will start decreasing after that. Accordingly, energy crises are looming on the horizon because of roaring energy demand. On the other hand, other experts argue that the discovery of new oil reserves has been increasing for the past 40 years. Technology, efficiency, and higher oil prices will change future patterns of exploration, development, production, and consumption. Therefore, the "coming energy crises" are mere exaggerations.

How much oil is really still left? Before we can answer this question, we need to know what it is that we want to measure.



Graph 1: World Oil Reserves estimations - source United States Geological Survey (USGS)

There are two kinds of oil. Most oil produced to date comes from the conventional kind. However, there is also the non-conventional oil, which comes from bitumen (tarsands), deepwater, polar, heavy, and extra-heavy oil. Petroleum production from non-conventional reserves has an elevated cost, but as more technology is implemented more non-conventional oil will be used for production extending the value of this kind of reserves. Technology plays a very important role in petroleum production. Technological breakthroughs allowed Venezuela to produce oil from their degraded deposits since the early 90s, which increased its production potential. In similar way, non-conventional oil from some Brazilian deepwater is now being produced at competitive cost, leading to a new generation in petroleum production.

This second graph is very explicit, but it is also a point of big discussion. Supporters of sooner oil depletion assert this understanding is too enthusias-

tic because it considers the degraded and non-conventional oil reserves of countries like Venezuela as being discovered during the late 80s while their existence was known since the early 60s (see Figure 2). Or when quoting Colin Campbell, in his article published in *USA Today* of last November, "...there is also a confusion over dates, the size of a discovery is commonly underreported initially and progressively revised upwards over time." Since nothing is physically added, this means oil reserves' discovery reached its peak during the 60s.

Moreover, he states that "...any rational analysis shows oil production will peak in the next few years, with a growing share coming from the Middle East." Furthermore, Campbell, who worked in the oil industry for more than 40 years, believes the International Energy Agency and the USGS know about it, but they are pushed to give their messages in bland euphemisms because of political pressure.

Dr. Campbell believes in a conspiracy theory where the oil companies, with coordination with the US Department of Energy, give the wrong information about their oil reserves. He believes that when companies find oil, they announce only a portion of the discovery, then they increase the numbers every year in order to increase the value of their stocks. He concludes that most of the oil in the world has been discovered but the companies are not admitting it.

Other experts, including CSM professor A. F. Alhajji, who debated the issue with Colin Campbell in the popular press, argue that the idea of oil production peak and oil depletion started a century ago and surfaces every few years. In fact, the Club of Rome predicted in the early 1970s that the last barrel of oil will be extracted in the mid 1990s! After producing hundreds of billions of barrels of oil for the last 125 years, we have more oil reserves than ever. Dr. Alhajji questioned the validity of the "running out of oil" theory because it is publicized by oil companies' geologists who did not speak out until they retired! They believe that the oil companies are hiding information and

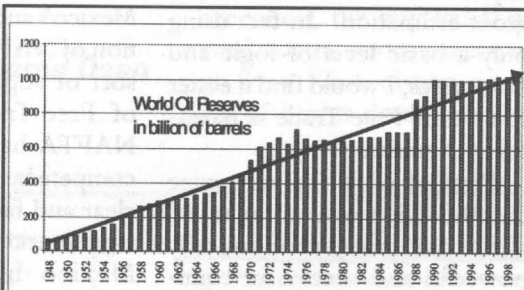
lying to the public, but where is the evidence? Dr. Campbell could have had collected valuable information to support his argument after working 40 years in the oil sector. He has none! If this is true, why have oil companies' stock prices been going down despite the increase in their oil reserves? If this is true, then oil companies mergers and accusations should show inflated cost because of the "hidden" reserves numbers, and they do not!

Dr. Alhajji asserts that the increase in oil reserves in 1988 was not a "conspiracy". It was the result of

new refining technology that enabled us to extract light products from heavy crude. As a result, countries and companies added heavy crude reserves that they did not count before. Since such development did not happen underground, geologists did not see it!

When oil prices increased in the 1970s, the reserve to production ratio increased, which means that, even with no new discoveries, we have a longer life span for the reserves. This was the result of a combination of many factors, including a reduction in demand, improvement in efficiency, use of substitutes, and more oil brought into the market by higher oil prices. Dr. Alhajji believes that if current high oil prices continue for another year, the reserve to production ratio will increase significantly in the next few years, and therefore delay our "doomsday."

In summary, the oil industry plays and will continue to play the biggest role in the world economy for the upcoming decades. Whether or not the Inter-



Graph 2: World Oil Reserves (in billion of barrels) - source: EIA 2000.

national Energy Agency and the USGS are very precise and trustful in their assertions about remaining oil reserves, we should keep in mind that oil is a scarce resource and so eventually has to be replaced. Economics, technology and politics will play important roles in determining when this will happen. In the meantime, be aware that politics rules the world and we can all be its victims.

Protectionism is Marxism:

Why Buying American is Anti-American

Douglas Baldwin

Protectionistic measures, both tariff and non-tariff based, are in fundamental opposition to the ideas upon which America was founded.

By imposing protectionistic measures on trade, we are no better than the tyrannical government we fought a revolution to end. One of the driving forces behind the American Revolution was the want to rid our fledgling nation of the Navigation Acts (which required that all international trade go through England) and the Townshend duties (which were external duties placed on imported goods) in order to create a laissez-faire economy. However, over the past century, we have drifted from the laissez-faire cause in favor of an ever increasing government. We now impose many of the

same barriers we fought to end, as was typified by the Hawley-Smoot Tariff of 1930, which raised tariffs on protected commodities (primarily agriculture) to an all time high average of 50 percent.

As more than 1,000 members of the American Economics Association had warned back in 1930 (before President Hoover had signed the Hawley-Smoot Tariff into being), the increased tariffs caused our foreign trade partners to enact trade restrictions on our markets. These trade restrictions caused our already weak agricultural markets to diminish further. Historically, most attempts to 'protect' our markets from foreign imports have actually hurt the market they were trying to protect.

Besides doing more harm than good, we are effectively denying our foreign trading partners the same rights we hold so sacred. In essence, 'Buy American' is a politically correct way of discriminating against an individual based solely on their citizenship. It is tantamount to refusing to buy a product because it was made by a minority.

Furthermore, by protecting our industries from the 'evils abroad', we are promoting the Marxist agenda. The fallacy lies in the view that altruism is good. By protecting our less efficient industries from competition with more efficient industries abroad, we are in essence taking from the efficient producers and giving to inefficient looters. Fur-

thermore, these restrictions on imports and exports inhibit the flow of ideas and capital among countries. The free trade of knowledge and capital is at the very heart of Americanism.

According to Richard Salsman, an Ayn Rand Institute speaker, most economists oppose unilateral free trade based on 'excessive' trade deficits (importing more than exporting). This is based on the common misconception of trade as a zero-sum game. All too often, trade is looked at like a game of war: if we don't export more

than we import, we must be losing. This is not the case; it can be shown that a nation's "trade deficit" reflects three positive developments: comparatively faster economic growth (as can be seen by the rapid economic growth in the US over the past century. . . a century

which has shown a "deficit" nearly every year), lower unemployment (we are currently at the lowest unemployment rate in the history of our country), and an increase in foreign investments.

One of the primary criticisms of free trade is its impact on the environment. The belief is that the increase in shipping will cause irreversible harm to the world's oceans. However, environmentalists often neglect to point out that they are propagating less efficient manufacturing at home in order to keep from importing more efficient manufacturing abroad. In other words, we would rather pay more for products which are less efficiently produced, rather than pay less for products which are more efficiently produced.

Government interference in trade, by tariff or non-tariff means, is un-American. Protectionism goes against the very virtues that make America, America. We are basing our policies not on reason but on fear: fear that we cannot make it if the deck isn't stacked in our favor, fear that we will hurt our lower-class by taking away their textile jobs and replacing them with high-tech jobs, fear that we will lose what made us great. Instead, if we don't change our protectionist ways, our fears will come true; not because of free trade, rather because of the lack of free trade.

These articles were written as partial fulfillment for EBG 211, Principles of Economics.

Live Studio Audiences and Today's TV

Rusty Lannin

When you watch TV, in most series, you can hear the live studio audiences laughing at jokes and reacting to the actors and actresses. There are two implications that this has that I just found to be quite odd.

The reason that the live audience is there is so that the actors have something tangible to perform for. This idea is commonly accepted but is it still really necessary? Maybe back in the '40s and '50s this was needed so that the actors knew when they were on the right track and doing well. But today is this needed? Let us take the series "Friends" that is wildly popular all over the world—even the re-runs are great. In the latest session of "Friends," each character (Chandler, Ross, Joey, Monica, Rachel, and Phoebe) are each getting about \$1 million for the 20-minute episode (allowing for commercials). What more does one need to understand that "Ya, you're doing well tonight." Do these people really need to hear this laughter to know they're good? I would think it's understood at that hourly rate.

Then it is even more absurd if you realize that most of the time the laughter you hear is not even real. It's been taped and then planted there so the home view-

ing public realizes that what they just heard is supposed to be funny. This does not work when you're watching TV, for example, and there is a load noise so you don't hear the joke, only the laughter after. So you get irked at missing the joke in the first place.

But what point does that make anyway? I guess it might go into the psyche somewhere. A person sitting at home would not just laugh out loud at something unless the "studio audience" laughs along with them, thus making the show more enjoyable to the viewing public.

So basically, this puts us at a point where 1) people being paid millions of dollars still need to be told they're great, wonderful and can really do their job. And 2) television executives have decided the public is not capable of deciding something for themselves if something is funny. Are we unable to hear something funny and spontaneously have an audible reaction in the way of laughter?

I personally think higher of the human race than the Hollywood world does, but then again I'm not getting paid \$1 million dollars now, am I? I don't know, it was just an odd thought.

Rusty's Odd Thought

It's Your Voice

Joshua Carrick

This week, "It's Your Voice" will be taking on a controversial class: Nature and Human Values. The reason why it is so controversial is because students cannot decide whether the class should be removed from the curriculum or improved to become a decent and meaningful course. The first comment I received from everyone I talked to was "It sucks". When asked to explain, the general consensus was that the class manages to teach you nothing while consuming a disproportionate amount of time. The only useful part of the class is recitation, where a smaller group of students can discuss the "problems" proposed in lecture in a relevant fashion. "Lecture and recitation are so different that if you went to one class period of each on different weeks, you wouldn't even know that it was the same class," one student explained. The subject matter of the course is also in question. "The class is supposed to teach ethics to students who have already formed a strict set of beliefs," commented another stu-

dent. Some of the topics presented in lecture did not even propose ethical questions. This presents the question "What is the purpose of Nature and Human Values?" Some may say that it is a writing and technical writing class. As Mines students, we do more technical writing in EPICS than we ever do in NHV, and it is actually technical in nature. Therefore the class is a writing course with an emphasis on environmental ethics. "Mines should remove NHV from the curriculum and just have two regular English classes like every other school. It is inconvenient for transfer students to take two semesters of freshman writing at another college and then get here and have to take NHV. Its environmental basis is not very useful for someone majoring in something like mechanical engineering." However, one student said that the class could be useful in opening up a student's eyes to environmental issues in engineering. She felt the current class is neither exceptionally educational nor interesting.

Greek Speak

Interfraternal and Panhellenic Council Publications

Daniel Benedict and Traci Olson

Recently, CSM was exposed to a little local culture through "Into the Streets 2001." More than 150 students participated in a wide variety of community service events ranging from sorting cans at the Denver Rescue Mission to spending time at local senior centers. This begs the question, however, of what about the rest of the year? Do students participate in any other activities that would be of benefit to the surrounding area? The answer is a very emphatic yes! Over the years, one of the larger contributors to the community has been the Greek members of CSM. Throughout the year, Greeks give of themselves for the betterment of their fellow man. This article is an attempt to place a spotlight on their accomplishments that might otherwise go unnoticed.

Alpha Phi

Alpha Phi has been very active in the community since its inception in spring 2000. Every Saturday, they read to children at the Jefferson County public library beginning at 11 am. The Alpha Phis will be making IV bags for the women's cardiac care unit at Presbyterian St. Luke's Hospital. They put up Christmas lights for the Golden Chamber of Commerce, participated in the Race for the Cure, and raised money for their national philanthropy, the Alpha Phi Foundation, which supports research on heart disease.

Alpha Tau Omega

The ATOs have had a year packed full of community service events, the most recent of which was the carnation sale to benefit March of Dimes. Also to benefit March of Dimes, ATO will be organizing a volleyball tournament in the near future. Beginning soon, they will be coaching youth athletics for the YMCA. Along with Kappa Sigma, Alpha Tau Omega will also be helping Special Olympics in the winter version of their showcase for amazing athletes.

Beta Theta Pi

Beta Theta Pi recently completed painting a house for the Salvation Army. To benefit The Children's Hospital, the Beta's will be participating in an all day ski-a-thon, during which its members will ski up and down the mountain all day until they reach their donation goal. Also to benefit the Children's Hospital, they fold newspapers at Denver Broncos games. The members of Beta Theta Pi, along with the women of Alpha Phi, also put up Christmas lights for the city of Golden.

Kappa Sigma

Kappa Sigma began the school year with community service in mind. Members walked for cancer in the aforementioned Carrabba's Climb with the ladies of Pi Beta Phi, and also have run the sober driver program for the last several years, which may soon expand to other houses. Kappa Sigma also took down Christmas lights for the City of Golden. To kick off the spring, a very successful clothing drive for United Cerebral Palsy was held in the student center. Since then, a blood drive was held in their house, with another one soon to involve the entire school. A cardio-pulmonary resuscitation (CPR) class will begin for those interested in the upcoming weeks as well. The Special Olympics will be working with the ATOs and Kappa Sigs for a large-scale volunteer effort in the mountains. Finally, the men will be working Channel Six at the Super Auction telethon to end the academic year.

Phi Gamma Delta

Throughout the year, Phi Gamma Delta is involved in a wide variety of service efforts. Over the summer, the Fijis participate in "Denver Digs Trees" to benefit the National Arbor Day Foundation. On Halloween, they put on a large carnival for local diabetic children. An ongoing event for Phi Gamma Delta has been the tutoring of children at the Golden Public Library every Tuesday and Thursday.

Pi Beta Phi

The women of Pi Beta Phi are especially proud of their philanthropic involvement. This semester they made valentines for tenants of a retirement center and have organized chapter-wide clothing and canned food drives. The Pi Phis also joined Kappa Sigma in Carrabba's climb, a fundraiser for cancer research. Members of their chapter also tutor elementary school children in their spare time. Finally, the Pi Beta Phi sorority organized a book drive on the CSM campus for its national philanthropy, Links to Literacy.

Sigma Alpha Epsilon

The gentlemen of SAE will be raising money for their national philanthropy, the Children's Miracle Network, through their annual date auction. Also benefiting the Children's Miracle Network, they make weekly visits to the Children's Hospital, helping kids with homework, reading to them, and spending quality time with them. The pledges of Sigma Alpha Epsilon have also organized a canned food drive.

Sigma Kappa

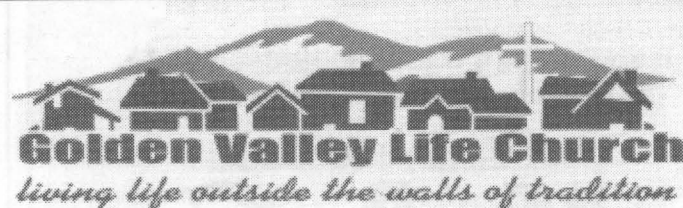
The Zeta Pi chapter of Sigma Kappa has enjoyed a busy semester on the service front. Sigma Kappa has enjoyed participating in the annual memory walk and lollipop campaign that raises money for the National Alzheimer's Association. They also have biannual highway cleanups for Inherit the Earth. The women also visit the elderly and send goods to the Maine Seacoast Mission. Finally, Sigma Kappa also holds chapter-wide clothing and canned food drives.

Sigma Nu

The Sigma Nu's have been involved in several projects, the first of which being cleaning up litter from highways with Sigma Kappa. Recently, Sigma Nu worked with Into the Streets to clean and paint a house for a needy family. There is also a plan in the works that would have the brothers assist the elderly of the area with their shopping needs.

Sigma Phi Epsilon

The Sig Eps have also had a busy year in the area of philanthropy. At Halloween, a canned food drive took place, followed up by members participating in the 9news Parade of Lights as balloon handlers. Sigma Phi Epsilon has also given its time to serve in the soup kitchen of the Denver Rescue Mission. Finally, they run a tutoring program in conjunction with Force Elementary School in Denver twice a week.



Saturday Worship Service

6:00pm

103 North Ford Street, Golden

(720) 373-9605

*Small Group Opportunities

Golden Happenings

Stephanie Onorofskie

Each of the following events will be held at the Foss Auditorium in the American Mountaineering Center at 10th and Washington in Golden.

-Friday, March 2, 7 p.m.
North & South Table Mountains

From Fossils to Flowers: Why are the Table Mountains important to preserve? Free presentation by Dr. Robert Reynolds, research associate at Denver Museum of Nature & Science; Lorraine Yeatts, volunteer botanist for the Kathryn Kulmbach Herbarium, Denver Botanic Gardens; and Dr. Kirk Johnson, curator of paleontology, Denver Museum of Nature and Science. What kinds of native and non-native plants grow on these mountains? What stories are told in the fossils from the South Table Mountain dig? Co-sponsored by the Colorado Mountain Club and The Table Mountains Conservation fund. Call 303-279-3080 ext. 108 for more information.

-Monday, March 19, 7 p.m. **HAMS Program Night**

Mt. Tasman, New Zealand After a splendid HAMS trip to New Zealand, where the group hiked the Tongariro Crossing and the Milford Track, experienced the geothermal area of Rotorua as well as the jaw-dropping beauty of Milford Sound, and topped out on Hillary's very first summit. Bill Tarvin, Terry Root, and John Goggin succeeded in placing the first inflatable love sheep on the summit of Mt. Tasman, second highest peak in New Zealand and next-door neighbor to its better known neighbor, Mt. Cook. This was a remarkable achievement, given the 60,000,000+ indigenous sheep population. Let us share with you our experiences on the HAMS trip and our accomplishments on Tasman. Free and open to the public.

-Thursday, March 8, 7:30 p.m. **Hiking Patagonia**

Few places capture the imagination like the stunning, primordial landscape of Patagonia, the jewel of South America. We will journey from northern Patagonia to the ends of the Earth at Tierra del Fuego. We'll bike through the Chilean Lake District, sea kayak along the fjords of Chiloe Park, watch birds and penguins in the Beagle Channel, explore at the foot of Fitz Roy and Cerro Torre, and hike beneath the wondrous Towers of Paine in Torres del Paine Park. Chile is one of the 50 places one must visit during their lifetime, according to the *National Geographic Traveler* magazine. Free and open to the public.

-Friday, March 30, 7:30 p.m. **Arctic Crossing: A Journey Through the Northwest Passage and Inuit Culture**

The Colorado resident's 2,200 mile journey across the legendary passage took him 10 months. Waterman often went for several weeks without human contact and called his odyssey "a test of a lifetime's worth of cold-weather adventuring. I also developed a deep respect for the gracious Inuit, known by their southern Cree enemies as Eskimos or Eaters of Raw Meat. They taught me a lot about acceptance amid despair, about being out on the land and respecting animals. Ultimately, from their sense of community—along with my solitary suffering—I learned that no person should be alone." During the 70-minute slide presentation, the author will also show short clips from his self-documented film "Odyssey Among the Inuit" (to be televised by the Outdoor Life Network in early May). After the show, Waterman will answer questions and sign his eighth book, *Arctic Crossing* (384 pp, 110 color and b&w photos, maps, extensive bibliography, and Inuit-culture/wildlife-sightings appendices to be released March 27 by Alfred A. Knopf).

E-Days Meetings

5:30 pm

Make Mines Explode this E-Days!!!

Mar. 6, Ballroom A

Mar. 20, Ballroom A

Apr. 3, Ballroom C

For more information, contact
brandonhamilton@nettaxi.com or
(303) 273-3908

poetry corner...

love be-gone

What a twisted web we weave
when love we have and
love we leave

Happy sad and be with
other
sun is bright and find
another

Dance and drink and
stay out late
for what's out there
HOW should wait

Not me says I and I, I say
for what a beautiful day,
is today

—ljpr

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Tax-deferred solutions from TIAA-CREF can help you reach your retirement goals faster.

Call us for a free tax-savings calculator

When you're investing for retirement, the adage "never put off until tomorrow what you can do today" doesn't apply to taxes.

That's because investments that aren't eroded by taxes can add up to significantly more money for you—money you can use to supplement your pension and Social Security.

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Supplemental Retirement Annuities (SRAs), IRAs and other tax-saving solutions—along with TIAA-CREF's low expenses and solid history of performance—can help you invest tax smart today so that you can reach your retirement goals faster in the years to come.

*Note: Under federal tax law, withdrawals prior to age 59½ may be subject to restrictions, and to a 10% additional tax.

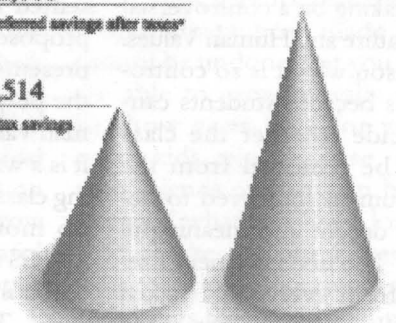
TAX DEFERRAL MAKES A DIFFERENCE

\$102,068

Tax-deferred savings after taxes*

\$67,514

After-tax savings



\$100 per month for 30 years

In this hypothetical example, setting aside \$100 a month in a tax-deferred investment with an 8% return in a 28% tax bracket shows better growth after 30 years than the same net amount put into a savings account. Total returns and principal value of investments will fluctuate, and yield may vary. The chart above is presented for illustrative purposes only and does not reflect actual performance, or predict future results, of any TIAA-CREF account, or reflect expenses.

TIRED OF THE SOCIAL LIFE AT MINES?

If you're tired of having nothing to do, then do something about it. Join the

COLORADO SCHOOL OF MINES

M A C

MINES ACTIVITIES COUNCIL

Applications are now available in the Student Activities office for Mines Activities Council Chair, Homecoming Chair, FAC Chair, and Special Events Chair. Help plan campus events and have a great time giving Mines students something to do on Friday nights. Got Questions? Email ljordet@mines.edu



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127th Annual Degree Convocation May 4, 2001

UNDERGRADUATE SCHEDULE OF EVENTS

DON'T MISS THIS EVENT

March 29, 30
Thurs & Fri

GRADUATION SALUTE
THE STUDENT CENTER BALLROOMS A, B and C.

Each Day From
10:00 a.m.-2:30 p.m.

**CHECK-OUT FORMS, GOWNS & ANNOUNCEMENTS
MAY BE PICKED UP.**

**JOSTEN'S, CSM BOOKSTORE, SENIOR PICTURES,
REGISTRAR'S OFFICE
ALUMNI OFFICE, FINANCIAL AID, STUDENT
LOAN OFFICE**

all will have their representatives on hand to ensure that you have the information and materials necessary for graduation. Please plan to attend this event during any of these hours.

**PICK-UP ALL YOUR GRADUATION ITEMS AND INFORMATION WHILE
EVERYTHING IS IN ONE CONVENIENT LOCATION.**

IT WILL SAVE YOU LOTS OF TIME!

In addition to the generic announcements, you now have the opportunity to order personalized graduation announcements. Graduate's name, degree and major will be printed in the text of the announcement. Order minimum is 25 and they must be prepaid. ORDER NOW TO ASSURE PROMPT DELIVERY BY CALLING JOSTEN'S AT 1-800-337-6309. ALLOW AT LEAST THREE WEEKS FOR DELIVERY.

Check-out Forms, Gowns & Announcements will be available in the Dean of Students Office after March 30 if you are not able to attend Graduation Salute. Please pick up these items as soon as possible.

Friday, April 20

CHECK-OUT FORMS DUE
Return them to the Dean of Students Office.
TICKETS WILL BE AVAILABLE TO EACH GRADUATE ONLY WHEN THIS FORM IS COMPLETED AND RETURNED.

Wednesday, April 25

GRADUATION PRACTICE - 4:00 P.M.
Bunker Auditorium

Attendance required unless in an exam.

Wednesday, May 2

THE CONTINUUM - 5:30 P.M. - 7:00 P.M.
Friedhoff Hall

Reception for graduating senior women, sponsored by WISEM and the CSM Alumni Association. By invitation - you may RSVP to Louise Wildeman at 273-3235. More information will be forthcoming.

Thursday, May 3

SENIOR BANQUET - 6:00 P.M. - Friedhoff Hall

Free to graduating seniors and graduate students, compliments of CSMAA. Ticket information for additional guests is available in the Alumni Office. RESERVATIONS NEEDED. Please call 273-3295.

Friday, May 4

GRADUATION DAY

7:30 A.M. - Caps and tassels available in Petroleum Hall Prep Room in the Green Center.
8:30 A.M. - LINEUP will be as directed at Graduation Practice. PLEASE BE ON TIME!
9:00 A.M. - **GRADUATION-KAFADAR COMMONS
STEINHAUR FIELD HOUSE**

****Reception for graduates and guests-Kafadar Commons after ceremony****

Web Review

James Oltmans

The article for this issue article will focus on Steven Packard's page at <http://talus.Mines.EDU/students/s/spackard/>.

Steven is a senior at Mines and plans on graduating this spring. Let's look at what Steven did right. He has a résumé, his page isn't the basic one they give you when you sign up for a homepage, and it has actual content on it. Now let's look at the problems; we'll pick on small things, so don't worry Steven. When you make a webpage you have to ask yourself, what's my goal for this page? Since you're a student and perhaps not currently employed in your dream job, you should consider the fact that your webpage is selling something: YOU! So, what does that mean? Take tips from marketing. Market yourself! Now why is this relevant? Well if you notice, Steve has cute tiling image backgrounds which add an informal feel to his site. When you're selling yourself you need to be professional. Use single color backgrounds, or use very simple backgrounds, like a light watermark. Be careful when you choose the colors. You want something that's not harsh yet says, "I'm serious, I'm professional." So what do you do? Well, the best design would have a white background, black text and an interesting border. Your border should have color, it should be interesting, perhaps even uniquely shaped but not to the point of being excessively

distracting. It can have a simple color set or an interesting texture to it. Simple is better, so I suggest sticking with the colors you've chosen and forming interesting shapes or doing drop shadows, etc. You want your webpage to be a frame for the information about YOU. Make your frame attractive, but make yourself even more attractive. Anyway, we'll now return to looking at Steven's page. Steve uses frames to split his webpage up so that his index of pages is on the left and the window displaying those pages is on the right. The benefits of frames are that if you want to update your index, you only have to modify one page and the coding is very simple. The only negative to frames is that they do not appear to be professional. The reason they don't look professional is that people usually leave the borders on (even though you can turn them off), or they turn them off when the frame isn't sized correctly which is irritating to the visitor, or last but not least, it's easy to update and doesn't take planning. Professionalism thrives on the little things: your nice tie, the shine of your shoes, the fact that you came prepared to the meeting, and the fact that you spent time figuring out how many pages your website was going to have. Professionalism is a feeling you exude, that's why the little things matter. Pay attention to the details, keep things simple and clean, and most of all keep things professional.

Alumni News

**Lt. Gregory L. Griffitt, ME '88 and
Monica Steikunas-Griffitt CPR '88**

Maggie Roderick

Lt. Gregory L. Griffitt graduated from Colorado School of Mines in 1988 with a bachelor's degree in mechanical engineering. One of Griffitt's fondest memories from the years he spent at Mines is the M-Climb. During his time at Mines, Griffitt met his wife, Monica Steikunas, who now goes by Monica Steikunas-Griffitt. Steikunas-Griffitt graduated from CSM in 1988 with a bachelor's degree in chemical engineering and petroleum refining. She continued her education and received an MBA in 1994.

Gregory Griffitt and Monica Steikunas-Griffitt were not the only couple in the Griffitt family to meet at Mines while working towards a degree. Griffitt's sister, Tracie, met her husband Dirk A. Kolnsberg at Mines. They both graduated from CSM in 1994 with bachelor's degrees in mechanical engineering.

In 1988 Gregory Griffitt became a project engineer for Citgo Petroleum Company in Louisiana. After a brief stay with

Citgo, Griffitt joined the U.S. Navy in 1990. His Naval career has brought him from Louisiana through Florida and Maryland to land him as a Naval operation test pilot in the United Kingdom this year. Griffitt's career also gave him an opportunity to be a member of the National Helicopter Association. During that time, Steikunas-Griffitt completed her MBA; she is now an environmental engineer for Resource Management Concepts and also helps with the business and marketing aspects of the company. Steikunas-Griffitt is a member of AIChE.

On a more personal side, the Griffitts have two children; their son Zachary is 7 years old and their daughter Landry is 4. Together they enjoy camping and traveling around the world. Individually, Gregory Griffitt enjoys fishing, and Monica Steikunas-Griffitt runs. Since graduation, the Griffitts have returned to Mines to attend Mines Little Theater and Beta Theta Pi events.

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Friday Feb. 23

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Michael Dean Ester

Friday Mar. 2

Performing in the movie "Senseless," on the stage at various New York city nightclubs, or in front of college students around the country, Michael Dean Ester's comedy hits home for everyone and leaves everyone laughing all night.

5:00 pm in the I-Club

The Soiree

One Guy's Perspective

James Oltmans

Benefits:

Well, I must say that the Soiree sponsored by Fellowship of Christian Athletes and Campus Crusade is easily the most fun things I've done all semester. Why was it fun? It was a night where a group of guys got together to bless the girls and show them how much they mean to us. The Soiree was a formal event so all the girls were in their best dresses and of course we guys were dressed in our best suits. The Soiree attracts girls from other schools like DU, community colleges, and there were even a couple of high school girls there.

Preparations:

The day before the Soiree the guys set up the stage and tables and practiced their skits. Decorating was a big job that involved draping black plastic over the walls, sprinkling Tide on, setting up black lights (Tide glows under a black light), and laying out the cardboard cityscape. But one of the best parts was watching the other guys practice their skits, or dances. One group of guys had all the moves from an N*sync song perfectly choreographed, and no matter what you might think about N*sync it was fun to watch them pretending to be N*sync. There were many other skits ranging from old favorites like "Who's on First" to new ones like "What Women Want".

The Soiree:

The day of the Soiree, many of the guys involved arrived at 9:30 AM to finish preparations, practice their skits a few more times, and get the final details about what they were expected to do. Around 5 in the afternoon it was time for the chauffeurs to leave and pick up the ladies. Around 6 we started arriving with the ladies who we dropped off and then we either went out to pick up a few more or stayed behind to help out with some final preparations. Upon arriving the ladies were escorted to a room away from the dinner and entertainment room so that they could socialize awhile before the main event began. Around 7 they were led into the main room and seated at the tables decorated with candles, roses and fine silverware, and since we had paper table coverings we left some crayons for the girls to draw with. It's rumored that one table melted the crayons to finger-paint. After a few minutes the ladies were served dinner. Now guys, how much better can you look being dressed up and serving beautiful ladies food? After the food was served and a sufficient amount of time had passed the entertainment began. The first skit was a spoof of Friends and involved guys playing all the parts, that means the roles of Rachel, Monica, and Phoebe were all played by guys in bad drag with worse "girl"

voices. Note: every guy who wore a skirt or sport bra that evening did it solely for the entertainment of the girls. All in all it was hilarious to watch. The entertainment was quite a mixed bag and played out like an episode of Saturday Night Live. At the end of the all the skits all the guys got up on the stage and sang "You are my Sunshine" to the girls. That was a big hit with them. Then we quickly tore down the stage and moved the tables. We worked quickly because the dance was beginning and we didn't want to spend a long time cleaning up when we could be dancing with girls. For the benefit of all the single guys no slow dance songs were played. According to the DJs there was a genuine fear that if they did play a slow song there would be only two or three couples dancing while everyone else just kind of hugged the wall waiting for the song to end.

The evening's end:

The evening started to wind down at around 1 AM when some of the ladies started to request their chauffeurs to take them home. The party continued on till 2:30 AM when it reached its official end. In the final analysis the night was a huge success. If you wish to participate in next year's soiree contact Nick Worley at nworley@mines.edu

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CSM Interviews

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Interviewing:

February 28, 2001

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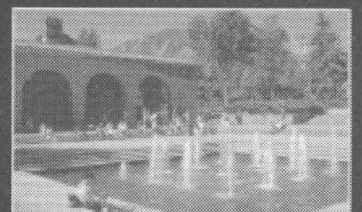
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Domino's Pizza

Meredith Dzwilewski

If you are looking for a quick and easy way to get food, look no further than Domino's Pizza, just minutes away from campus at 2600 East Street, across from Golden High School. Domino's has long been a staple for students, whether it is during testing rounds, finals, or just when you don't feel like cooking for yourself. Domino's is also a popular lunch for Mines clubs. They will deliver up until about 11 p.m., so there is plenty of time to order after those later classes or when you are finished with a late test. If you feel more like walking to pick up your pizza, it is also easy.

Each issue of the Oredigger has a special coupon offer, good for college students on a limited budget. The current special is "buy one large pizza with one topping and get a free order of CinnaStix." They also have Cheesy Bread and, of course, two-liter soda bottles. There is enough variety to keep everyone happy, so come down or call Domino's and they will be happy to help you with your pizza needs.



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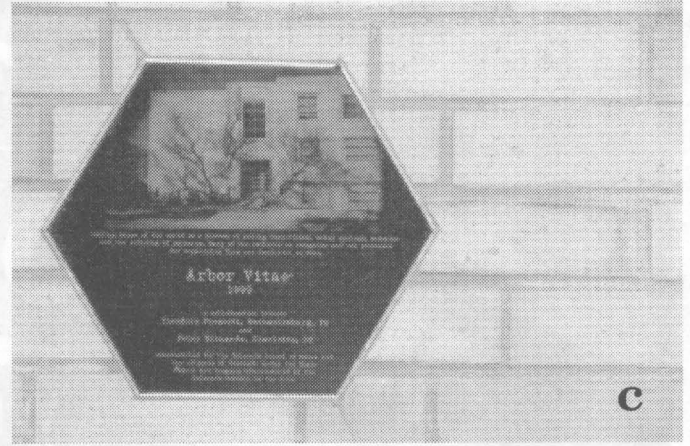
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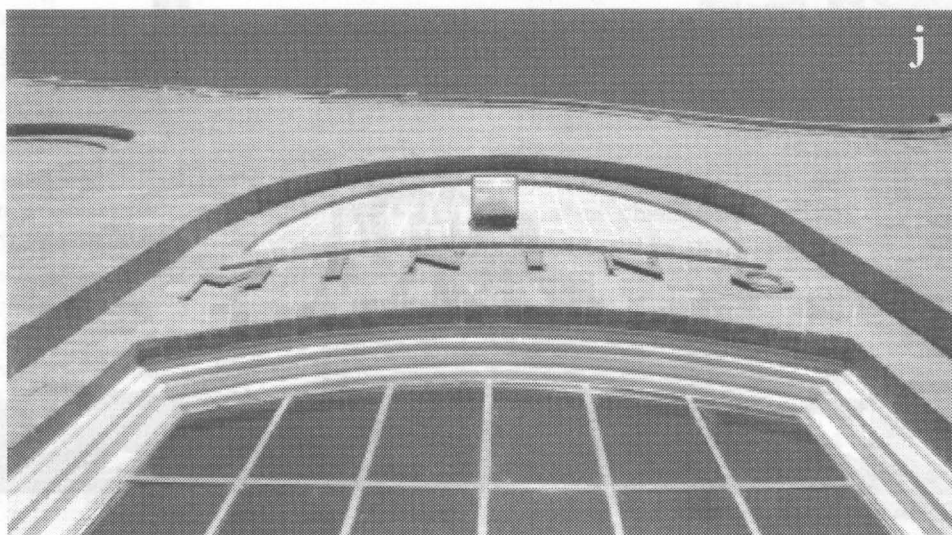
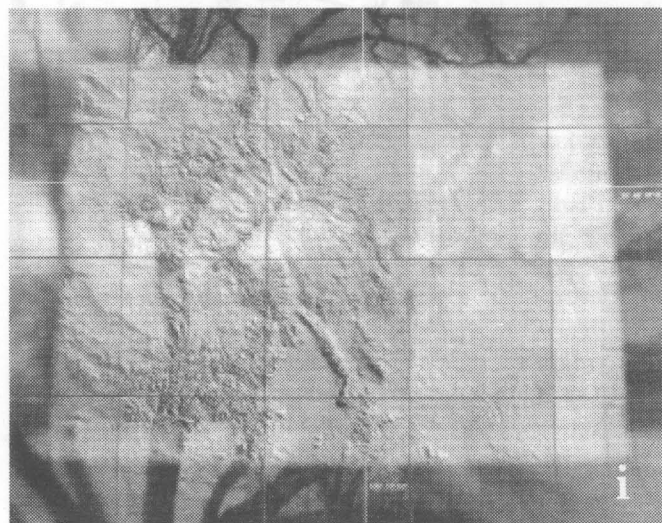
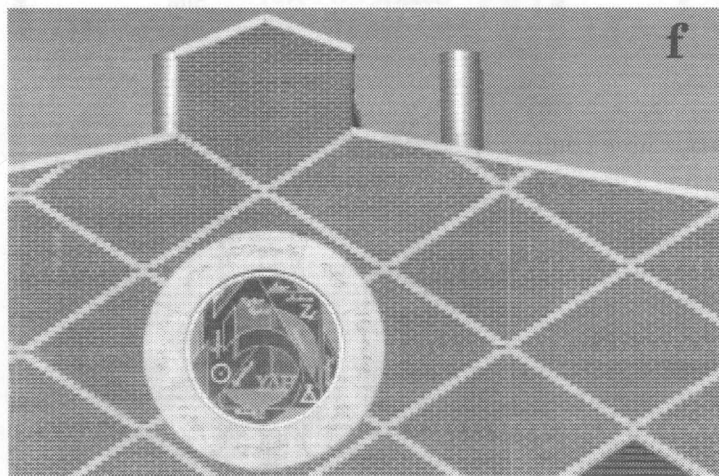
oredig@mines.edu

(303) 384-2188



Campus Photo Quiz

Can you tell where these pictures were taken? Here's a hint: they are all buildings on campus, with the exception of one - duh, guess which one! The answers can be found at the bottom of the page.



- Answers:**
- a) Berthoud Hall
 - b) Engineering Hall
 - c) Coolbaugh Hall
 - d) Field House
 - e) Berthoud Hall
 - f) Hill Hall
 - g) Berthoud Hall
 - h) Hill Hall
 - i) Stratton Hall
 - j) Coolbaugh Hall
 - k) Everywhere!

Letter to the Editor

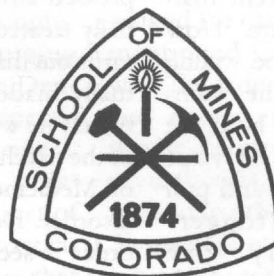
I am responding to the controversy that has occurred due to the article written by Faisal Hashem in the last issue of the *Oredigger*. There are two sides to this affair, some people believe that the article was too graphic and uncaring. Others believe it was perfectly acceptable. I personally had never met the deceased and from what I have heard he was a really great guy. I believe that death is always too graphic. People die every day and it is wrong, but it happens. We all live in a real world where people are raped,

murdered, and abused every day and night, not in some love fest moral high ground land where we live forever. How outraged do we get when we watch the evening news? Do we write letters? For example, tell me how Jon Benet Ramsey died? Did we write letters? If too graphic is what is real, then maybe for just one second we will be able to see how dirty life can be. Then we can channel that vision to have a clearer state of mind, where we all can live our life a little more sparingly and safer.

Rusty Lannin

The Oredigger

THE VOICE OF COLORADO SCHOOL OF MINES, A SUPERIOR EDUCATION IN APPLIED SCIENCE AND ENGINEERING



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Letter to the Editor

The report on Steve's death was atrocious and should never have been printed. Faisal Hashem should write an apology immediately for his horrid assumptions about what is right in life and the circumstances of Steve's death. The article was a front for ritious(sic) preaching and reflects poorly on the school for being allowed. Never have I

seen such lack of respect to the dead. Hashem and the people responsible for that issue of *Oredigger* serve only the purpose of spreading half-truths and propaganda, not to mention personal injury. In closing I'd like to say fuck you all.

Free speech right? Print that.

James Sievert

Letter to the Editor

As a CSM alumnus, I regularly read the *Oredigger* (e-Digger) to keep track of the School's current events and campus happenings. Of course I was saddened to learn of Steve Kirshenbaum's drug-related death. (Issue 11) I'm

from an era (1969-1973) at Mines when drugs were a bigger problem, probably, in terms of numbers of involved students, but perhaps a lesser problem in terms of the "hard" drugs that were used. Mines has been fortunate over the years to not have had a drug problem of the scope of many larger or less focused universities.

Anyhow, I write to tell you your piece was good, and, not to trivialize the piece by picking it apart, I urge you to have editorials proof-read by someone, and not just spell checked.

If what you have to say is important (and in this case it was very much so), it is worth writing it correctly. Having said that, from the context it seems that the word you wanted (in your editorial) was "urban" and not "urbane", and it's the life of 'Riley', not the life of 'Raleigh'.

Keep up the good work. You and your staff are producing a much higher quality newspaper than any I have seen in several years.

Greg Staff, CPR '73

Letter to the Editor

In the last issue of the *Oredigger*, issue 11, I read Faisal G. Hashem's article about Steven Krishenbaum's death. I find it most important to tell you about Steven's life.

I became Steve's friend three years ago, when he was a senior in high school. His best friend, Ben, introduced us to each other. Steve loved to spend time with his friends in school and on the weekends.

We always found a way to have sober fun. We went to the movies and bowling, but our favorite was to just spend time at each other's houses. When Steve first took us to his house, he introduced us to his parents and sister. His family welcomed us to their home. They spent time with us and took the chance to get to know us. Steve never hesitated to invite us over. He knew that his friends were always welcome at his house.

My friends were always wel-

come at in my home as well. We used to rent movies, or just sit and play cards. We found new things to do every weekend. But, sometimes, we would even need a specific thing to do; we enjoyed talking to each other.

Among other things, Steve and Ben liked to go skiing a lot. They spent many weekends in the winter skiing. Steve was very active and full of life.

Steve loved animals. He had two dogs and, later, got a cat. Ben and I were with him the night when Steve got Leeloo, his cat. When we came to pick her up, she licked Steve's face. Her instincts told her that her loving and caring family was there. All night, Steve spent buying new things for Leeloo. Shampoo, cat food, scratching post, and stuffed animals were all things that he bought her. He cared for her in every way he knew how.

But our lives were not always perfect. I was always good at

getting into emotional trouble. Steve knew how to help. A single phone call from him could make me laugh and understand that whatever it was that I was upset about is not worth all of that trouble. I could always talk to him about anything, and he would understand. Steve found it his job as a friend to take care of Ben and myself when we needed it. I know that he helped all of his friends and love them from the bottom of his heart. Steve has spent countless hours on the phone, in person, or over the Internet sharing his love with us.

Steve's life was full of opportunity. He had a lot going for him at school. Many teachers liked and respected him. Our programming teacher always liked to talk to Steve. She made this class a favorite of his last semester at school. Steve was very sharp. He had no trouble earning respect from people around. His smart, analytical mind helped him wherever he was.

Even when Steve moved away from home and got an apartment in Golden, we kept in touch. He came to visit me in Denver and took me up to Golden almost every weekend.

People say that your best friendships are the ones you make in high school. I know that from personal experience because a friend like Steve is one in a million. I will forever value my friendship with him and his family.

Galina Dvorkina

Letters Policy

We invite *Oredigger* readers to write to us with complaints, compliments, or comments.

1. You must tell us your full name (but we won't print it if you so request).
2. You must give us your complete address and phone number (though we won't publish this info)
3. We reserve the right to edit letters for length and clarity.
4. The opinions stated in letters are the opinions of the author and not of *The Oredigger* and its staff.

Send mail to oredig@mines.edu, with a subject heading "Letter to the Editor." We would like to encourage our administrators, faculty and students to submit articles and comments. Call (303) 384-2188 for a distributions and submissions timeline.

Editorial Policy

Articles featured on the editorial pages are the views of their authors. Editorials are written by the staff of the *Oredigger* and unless otherwise noted are the views of the editorials staff. Columns and letters to the editor are the viewpoint of the individual writer and are not necessarily the opinion of the *Oredigger*, its advertisers or others who may submit opinion pieces for publication. The *Oredigger* welcomes and encourages contrasting viewpoints that meet the guidelines outlined above.

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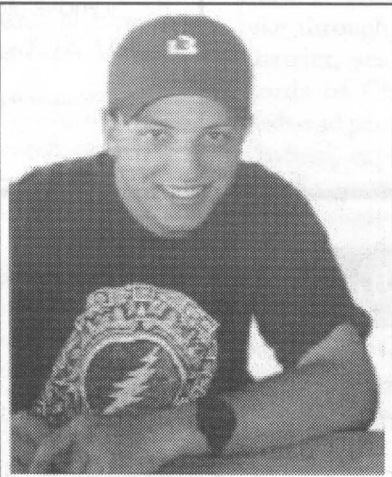
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Letter to the Editor

We were incredibly disturbed by the article you published concerning the death of our son, Steve Kirshenbaum. While you took the trouble to call us for a picture of our son, you never bothered to inquire as to the type of person Steve was. Copying from the police report and the coroner's report is lazy journalism at its worst. Given the nature of the fact-finding process, you have accurately quoted some misinformation, which we find particularly hurtful and insensitive. You made no effort to confirm this. What weak journalism. Your readers rely on you for truth. Shame on you!



Steven Kirshenbaum

The author failed to deliver the proper message to the student body about the dangers of drugs and drug interactions. The whole concept of the lack of family ties made for interesting reading, but in this context was offensive because it certainly had nothing to do with us or Steve or his sister.

No one could possibly benefit from reading these articles. We therefore will take upon ourselves to write both the article that needs to be published

about the dangers of drugs and also the obituary, which you failed to write about our son.

The message the student body needs to understand is that taking drugs is no different than playing Russian roulette. How many of you would be willing to place a bullet into the chamber of a gun, spin it, hold the gun to your head and pull the trigger? Every time you take an illicit drug you're doing exactly that. You have no idea as to what exactly is contained within any of the drugs that you obtain off the street. You don't know what the impurities are; you really don't know what the active or inactive ingredients are; you have no idea of the strength. We've heard it said that you could rely on certain dealers. This is incredibly naive. Anybody who's dealing illicit drugs is not obligated to any standard. Every time you take an illicit drug, you survive by the grace of God.

An even more insidious problem to be aware of is drug interactions. Steve was a victim of drug interactions. Shortly after getting his driving license, Steve was involved in a car acci-

dent; he sustained a closed head injury. On the face of it he sustained a trivial injury: a laceration of the scalp and a concussion. He became profoundly depressed after this. He was initially treated for depression. It turns out that antidepressants actually made him worse. Ultimately he was diagnosed by one of the psychiatrists at CU School of Medicine as having bipolar disorder. Depression in this disorder is secondary to a chemical imbalance in the brain; it is not a situational depression that everyone has on occasion. Ultimately, he took lithium for this condition; indeed, he started this during Christmas break. Steve knew about drugs interactions vis-à-vis lithium. We now know that he asked his doctors about LSD and lithium and studied the available information on the Internet. For example, he knew that even a drug as seemingly innocuous as ibuprofen (Advil, Motrin) could have a profound interaction with lithium. Several supposed authorities quoted after his death, "You cannot OD on LSD" to us. Medical science has not been aware of any interaction between LSD and lithium. Even now, we have not found anything suggesting an adverse combination between LSD and lithium. My medical colleagues are planning a case report to alert psychiatrists prescribing lithium to the possibility of grand mal seizures in patients taking lithium and LSD.

Bipolar patients tend to self-medicate. Marijuana is particu-

larly beneficial to subdue the anxiety and racing thoughts associated with this condition. We knew Steve was self-medicating with marijuana. We did not condone this. We did not know about his use of LSD. Based on our discussion with Steve's friends, he was not constantly on drugs.

As a person, Steve has been described by his friends at the School of Mines as very bright, thoughtful and caring. Being accepted to CSM was his gold medal. He was so proud to be a member of the Mines community. To him this validated his intelligence. He loved his classes.

He also loved his animals. During his darkest days, these pets provided him with unconditional love and gave him a reason to go on when he was depressed. He was an accomplished radio-controlled fixed wing pilot. He enjoyed modifying and improving the plans of planes that he built. Steve and his Dad flew together at Cherry Creek reservoir where there is a remote control airfield. They also scuba dived together. Underwater photography was an interest they also shared and enjoyed together. Computers, programming and his dreams for the future were constant shared topics.

We have been overwhelmed by the compassionate response of the entire community including the Colorado School of Mines. Steve's pro-

fessors and members of the administration attended his funeral and have written letters of condolence. As a source of comfort, your newspaper's treatment of this tragedy is a notable exception. The essence of Steven was not a description of how the body was found; this was cruel and unnecessary and heartless to Steve, his friends and to us.

Your concept of the urban parent was particularly off the mark in our case. To set the record straight: Steve's Mom was a stay at home Mom. Two days before he died, she was shopping with him at Safeway, discussing recipes, women, friends, school, and his animals. She will particularly miss his calls between classes. No gaps in family links here! The life of Riley – we think that was what every college student does enjoy.

We want to make it clear that we expect this letter to be published in its entirety and without editorial change, preferably on the front page with the picture we sent you. We will be glad to provide the sources of our information concerning the scientific issues we raised about drugs, drug interactions and about Steve and his friends. Perhaps in the future you could encourage your staff to write a more compassionate and less insensitive report of a tragedy such as ours. Steve is not just our loss; he is yours as well.

Joan Kirshenbaum

Gerald Kirshenbaum, MD, MHA

Letter to the Editor

I am totally dumbfounded by this "newspaper".

This printed publication has shown such little tact with regard to Steve Kirshenbaum's death that it literally makes me sick to my stomach. The author of the headline story felt it was gruesomely important to include the horribly detailed, depressing manner in which Steve died. "The [Steve's] mouth was open and fluid was present. The eyes were open and fixed straight forward." Details like this are best left to those who need serious mental help and the author has proved himself to be one of these seriously FUCKED UP PEOPLE. To include this type of information is so callous and disrespectful to both the student body as well as Steve's parents that I, as well as many other people, feel that this writer should be removed from the staff.

The final insult in the authors work was the blatant and revolting manner in which he slammed Steve's parents. "There, I said it. The parents are not pro-active and they typically solve their

children's 'issues' with money." This statement was the most thinly veiled insult I have ever read. The slap in the face that Steve's parents will feel if they were to read these articles pains me. The author spit in their face and then gives himself a pat on the back for his insightful statement. Yes that was sarcasm you ass-hole. The author also states, "Now that I have exposed it for you, go and love your parents." If he feels that he is helping the situation by making this profound statement, then he has another thing coming. There was that sarcasm again.

This rag has found itself a new place in my suite, as toilet paper, until the author of the above mentioned articles is removed from the staff and a formal letter of apology is written to Steve's family, friends, and the whole Mines community in general.

- One of the "lower quality" new students to this school who is helping bring this institution down from the inside.

Edwin J. McMillan

Letter to the Editor

Between illness, accident, suicide, and drug deaths, it has been a tougher year than usual at Mines. Accidents and sickness are difficult to prevent, but I'm glad the Oredigger wrote in depth and added some opinions regarding the most recent death at CSM. I hope the sad details shock at least one at-risk kid to stop his self destructive ways or encourages his friends and family to take a closer look at his life and how they can help.

First I'd like to address the subject of friends. What kind of friend sits idly by or encourages his friend in self destructive behavior whether it be drugs, excessive drinking, or self defamation? He is no friend at all if he is not capable of helping his friend find a better means of expressing his pain or sorrow or struggle. If the friends of the students who died ever come to the realization that they could have or should have been better friends (instead of doing drugs and

getting drunk with the boy and later incoherently calling the cops when they realize their devastating play has gone too far), I hope they also realize that to writhe with regret and remorse will not be useful on its own, but that they can grow spiritually from this painful experience and become better people.

Family also has to share in the responsibility of what has happened here. Many parents are afraid they will be blamed for being bad parents if it is acknowledged that their kid is engaged in something he should not be. Instead they throw money at the kid to show that he is cared for or they yell at the people who try to point out what the kid is doing to pretend that person it wrong, not the parent. The parent doesn't take the time to sit down and talk with his kid and to love him. So the child is miserable since the root of his suffering and the cause of his behavior is not touched

upon. Well, parents, realize that mistakes have been made and cannot be undone, but you too are able to grow morally and to show your love for your other kids, your spouse, and your friends and to gain back some of what has been lost.

If you're the one covering your miseries with a tough skin and things that mess with your mind or physical health, don't. Reach out. There are caring counselors, professors, and students here. Maybe a few are self-occupied and will slap the hand that you reach out. Reach out again.

We're a small community here at a very tough school. We've got to keep an eye on each other so we can make it though school and life not by competition, but by helping others out.

Jenn Kramb

We Stand By Our Words

Faisal Hashem and Agata Miodonski

The *Oredigger* staff would like a chance to rebut negative responses regarding the two articles published in issue 11, regarding the death of Steve Kirshenbaum (front page and editorials). Before discussing the letter from Dr. and Mrs. Kirshenbaum, we would like to state our reasons for doing so. First of all, we don't feel that we were wrong in publishing either of the stories, and we stand by everything that was written. We appreciate constructive criticism. However, after reading the letter from Steve's parents, we feel

the need to substantiate our facts and opinions so as to maintain our credibility.

First of all, it is true that many facts in the news article were taken from the police reports. However, a 45 minute in-depth, one-on-one interview with the chief investigator, Det. Kreutzer, was conducted for the article. Others who knew and partied with Steve were also interviewed. Information gathered from the detective and Steve's friends were best outlined in the reports, which is the reason they were used as the basis for the

article. Further, though his parents could discuss Steve's medical or emotional conditions, we could not legally do so.

It was not the intention of the article "to deliver the ...message to the student body about the dangers of drug interactions." The intention was to deliver a message about the irresponsibility of Steve and his friends, and the consequences of bad practices. We did not aim to judge; we aimed to offer some insight.

The comment, "no one could possibly benefit from reading these articles" can be

refuted by reading the letters to the editor we received. Though there were definitely some people who agreed with the Kirshenbaum's opinion, there were also many people who got something valuable out of the articles. As in any controversial subject, readers' reactions ranged from approval to dissension.

According to their letter, Steve's parents spoke with his friends and were told that Steve "was not constantly on drugs." The author of these articles also spoke to some of Steve's friends, and was told

that Steve was often observed abusing drugs and "messed up" due to their use.

Another point that the Kirshenbaums made was that the "concept of the urban parent was particularly off the mark." Neither of the articles in question mentioned "urban parents." The point of the editorial was simply that the urbanization of student life makes drug use easier to get away with.

Finally, we would like to make a policy clarification. Editorials go in the editorials section, no exceptions.

Letter to the Editor

I read almost every *Oredigger*, and although I may not agree with everything, I'm satisfied with the job you and the staff do. But after reading the latest issue, I was pissed. The article that got to me was "Drug Overdoes Leads To Student's Death," by Faisal Hashem.

The very first sentence got me fuming. Chief deputy coroner Trina Harper says Steve's death was caused by extreme LSD toxicity. I do not believe this because the last sentence in the article states that no autopsy was done. How can the police jump to this conclusion when no autopsy was done? I went to a high school with serious drug problems. LSD was one of the most popular, and I know many people who have taken extreme amounts of LSD. None have come close to dying or had health problems (other than occasional halluci-

nations for a few months after the use). I have also done some research on the Internet and there have been no reports of death caused by just LSD (here's one web site I came across <http://www.arf.org/isd/pim/lsd.html>). There had to have been another drug or substance involved in his death, but you do not even mention this. I feel sorry for Steve and his family, and I hope the best for his family.

I have no problem with their request to have no autopsy, it is their decision. But I do have a problem when a publication like the *Oredigger* makes conclusions without the proper evidence. If the police provided you with the false information, they need to check the quality of their staff. This article should have been much shorter and just stated briefly what happened.

Anonymous

Letter to the Editor

I have just "devoured" your February 8 issue of the *Oredigger*. From the tragedy on page one to the multitude of fun and positive educational opportunities (listed under "Miner Notes") on the back page, this newspaper is packed with well written articles pertaining to life on this campus.

I was particularly impressed with the editorial concerning the Constitution, the report of the ASCSM Executive Council, and the impassioned editorial plea of a student reporter to his classmates concerning their choices and the consequences of their acts. In my 47 years involved with Mines as a student, alumnus

and faculty member, I have never seen a better chronicle of life on the Mines campus than this year's *Oredigger*. Here's a hearty pat on the back to the entire staff for a superior effort!

One suggestion, however - please consider changing the title of the "Crime at Mines" column to "Campus Security Report," "Public Safety Report" or something a little less incriminating!

Bob Pearson '59, retired coach and intramural director (CSM Alumni Association sections manager)

Letter to the Editor

What you are about to read is in response to "The Desecration of the Constitution," an editorial in the February 8th *Oredigger*. This article, the first in a new series, seeks to point out deficiencies of our government at upholding the ideas prescribed within the United States Constitution. It is my hope to point out to the author the need for a rigorous journalistic method that presents reasonably correct facts germane to the topic of discussion. Constitutional law is a complex topic that represents the foundations of our nation and must be given this respect.

In the first article the author presents the First Amendment to the Constitution of the United States of America. The First Amendment reads as follows: *Congress shall make no law respecting an establishment of religion, or prohibiting the free exercise thereof; or abridging the freedom of speech, or of the press, or the right of people to peaceably assemble, and to petition the government for the redress of grievances.* Having stated this, we shall now address the issues that the original article covered.

The first issue discussed was the practice of printing "In God We Trust" on our currency. The designs that are approved for printing our money are approved through acts within the Congress, submitted through the Treasury Department. It should be noted that these are acts and not laws. This is an important difference, since the First Amendment calls attention to laws that establish a religion. Also, this phrase in no way establishes a religion for the United States, nor does it prohibit the free exercise of a religion. The phrase does not say in "Allah we Trust," or in the "Trinity we Trust." The idea of a higher power is common among all

nationally recognized religions, so the phrase is a commonality for all of them.

Next the author noted the recent decision to allow the States to post the Ten Commandments in public schools. It should be noted that the article implied that Congress is making decisions that impact schools directly, not as a movement to allow the States their own interpretations of Constitutional law. This action in no way violates the First Amendment. It gives the right to act, according to Supreme Court rulings, to the individual State, a freedom that was closely guarded within our creation.

The next point the author makes is that the airways are not free. He is right. The airways are not free, they are public domain and because of this, it is presided over by the national government. If the bandwidth were to be privatized, we would have a mess. A radio station that has more money can buy more power and drown out all competition. Though we may not say all words in the English language in a broadcast, we still can say combinations that make statements about our government and political leaders, a freedom that is protected viciously under the First Amendment.

The next point the author makes is lost within the structure of the sentence. I interpreted that statement *it is a felony for the Sierra Club, ACLU or Chamber of Commerce to advise the public as to how candidates voted on issues of concern to their members*, to mean that these organizations cannot encourage their members to vote a certain way during elections. First, this seems to be a Michigan state law, not a federal law, so the point is moot. Second, these are all tax-exempt orga-

nizations. Under the rules for an organization to be tax exempt it must be non-partisan; by influencing votes they violate their tax-exempt status, and their agreement with the federal entity.

The last two points presented were about the Internet and the Tattered Cover Bookstore. First, the police forcing the owner of the Tattered Cover to turn over her customer list has nothing to do with the First Amendment. It has to do with due process covered within the Fifth Amendment. The mention of the Internet domain Phrack, and the confiscation of its electronics may have something to do with the nature of the publications on Phrack. Many of the articles published on Phrack deal with fraud and theft, actions that infringe on other citizens civil liberties. Though the First Amendment protects free speech, there is a scale of protection that is granted. Topics like political statements are very protected while topics that deal with what was published on the Phrack are less protected.

Constitutional law and interpretation is a complex matter that deals with the ideals that form our country. It seems to me that if you are going to criticize the system's ideals, then it is critical to be sure of the infringements that are in debate. I feel that it is important to question the world we live in, and I have great respect for those that are willing to engage such an important matter. However, we still must show respect for this world, and we do that by making proper and correct claims. I look forward to future remarks, and any insight the author has into this world.

Scott Strong

The Desecration of the Constitution, Part 2: The Second Amendment

"A well regulated militia, being necessary to the security of a free State, the right of the people to keep and bear Arms, shall not be infringed." This amendment is violated so often that the violations have their own name "Gun Control." The very prospect of background checks violates the second amendment at the most fundamental level. Something is no longer a right if you have to get permission to exercise it.

The very meaning of this amendment has been called into question; it has been argued that it only guarantees the right to a state militia, which have been replaced by the National Guard. The Random House Dictionary defines a militia as "1. A body of citizens enrolled for military service, called out periodically for drill, but serving full time only in time of emergencies. 2. A body of civilian soldiers as dis-

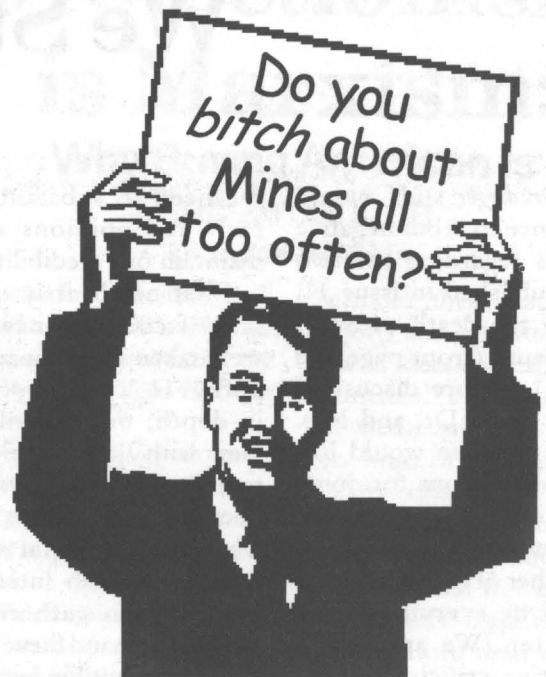
tinguished from professional soldiers. 3. All able-bodied males eligible by law for military service." By this definition the National Guard cannot be a militia because the National Guard is controlled by the Federal Government, and is not composed of citizens but of professional soldiers. The state militia was intended to be comprised of gun owning citizens that could be called out in an emergency to help defend the country. This cannot happen without gun owning citizens, which is why the founding fathers added the clause, "the right of the people to keep and bear Arms, shall not be infringed."

The right to bear arms is violated as well, the word bear means to carry, but it is illegal in most places in this country to carry a firearm, large knife, or even a club. In many places you can obtain a permit to do so, but that still is a violation

because it requires you to get permission to exercise your rights.

Many argue that it does not violate the second amendment to ban only certain types of firearms—the ones that have no legitimate sporting use. It is, however, an unfortunate fact that in the event that the people of this country are called to arms, it will not be to defend from hoards of angry deer, or rabid chipmunks. If such a call to arms were to occur, it would be to defend from human aggressors, be it foreign or domestic. It is an unfortunate fact the security on a free state is dependant of the ability of the people to own guns designed to kill people, not guns intended for sporting purposes.

Jason Alter



ASCSM elections are just around the corner, and we need people who are interested in improving Mines for students. Election petitions are now available in Student Activities.

ASCSM@mines.edu

Letter to the Editor

So here's the deal, I don't agree with everything Faisal Hashem had to say in the previous issue of the Ordigger, but I think it is about time that this school cut the crap. If it takes a blunt and strongly opinionated article like Faisal's to do that then so be it.

Recent incidents like the rape of a woman and the constant rate at which students are dying makes it painfully obvious to me that Mines, as an administration and as a community, has got to quit sweeping the unpleasant under the rug.

The Colorado School of Mines has some serious problems one of the highest per capita number of closet alcoholics of any campus, one of the highest per capita sui-

cide rates of any college. It is time for a change. Free speech is an instrument of change, and the Ordigger is one of the few ways to actually reach this heavily introverted campus.

So, say whatever you want about the positive and negative aspects of how this issue of the Ordigger was approached, it is my opinion that the whole staff is to be commended, not chastised, for being 'non-PC.'

Keep up the good work and maybe the Mines community will start to deal with issues like rape, suicide, drug abuse, and the like instead of looking away from them like cowards.

Jered Dean

First off, let me start off by saying that the article was well written. However, I can't help but disagree with many of the things that were said. I'm glad Faisal Hashem believes he knows the reasons for all these deaths and, I'm glad that he was able to pinpoint the exact problem so that he may tell others how to fix it.

He did forget to factor in a few key points in his thinking. First off, living off campus does make it easier to abuse drugs, but it does not deter drug use. If you want it bad enough, you will go out in a blizzard to get your fix. After you're done and good, you can return to the dorms. Many have done it. Not to mention, with most drugs, you can do it right here at Mines, on campus, without ever getting caught. Many have done that as well.

Secondly, the way Faisal assumed that the students that were with Steve Kirshenbaum on the night of Steve's death were only

looking out after their own asses. He reflects on it now, thinking these kids could have done this or that. They should have done something rather than wait for Steve to die. I would like to say right now that they did try. I don't know how much Faisal knows about being under the influence of drugs such as marijuana, LSD, or alcohol, but when "wasted" things are never as they seem. To hold a normal train of thought is almost impossible. To try and make sense of the simplest things is an incredibly difficult task. I know for a fact that the students did try to help Steve. They called 911 several times and 911 took a couple of the calls as prank calls. They also called several other students for help because they didn't know what to do. They ran back to the dorms to try and find somebody that could help Steve. When they returned, Steve was dead. Trying to help someone when they are "freaking out" is a hard enough task and when under the influence, it becomes an even greater challenge. Faisal shouldn't assume the students weren't trying because of apathetic tendencies. It's easy to say what should have been done after it's happened, and even easier if you weren't there. Hindsight is always 20/20.

What really got me though is the fact that Faisal decided to blame most of this on

ships that parents and their children have. Maybe it makes him feel a little better by letting everyone know that you should love your parents; and by saying this everyone will go out and end up with the perfect greeting card family. I'm sorry to be bringing this little piece of reality to his attention, but parents and their children do try and build a healthy relationship. It is true that many students at this point and time are looking for a little independence, but kids aren't driven to drugs because of bad parenting. More than anything it is personal problems that have nothing to do with their family, peer pressure, and the sheer enjoyment of something different.

I would like to say at this point and time that I have witnessed many people's lives go down the toilet. I have stopped talking to several of my closest friends because of their rampant drug use. I would also like to point out the mass of people that use drugs on a recreational basis and still keep their life together. Drug use at Mines can never be stopped. With school, family, and other personal problems, drugs are a way of escape. A way to relieve the stress. A way to make things okay and easier to deal with. I agree with Faisal that this is not the best way to deal with life's everyday stresses, and some kids make really stupid mistakes. But to sit on a high chair of self-righteousness and make a complete debauchery of the tragedies that happened here at Mines and preach to other students about their decisions is just completely unacceptable and unjust.

Jean Ha

Mine Swept by Jason Gibbs



Letter to the Editor

I am writing this reply in support of your eloquent editorial in the February 8, 2001, Oredigger. I am not an eloquent writer. I am also tired of so much death. The question to me is why do young people want to die like this? Perhaps the reason that so many young people seem to want to die is the fact that at younger age people think that nothing can hurt them. Nothing can be further from the truth. At age 47 and as a Marine Corp veteran of two wars, I have seen too many young people die, and it was not pretty. I was very nearly killed two times myself, but not due to bad decisions. I was drafted.

People die now as they did in the '60s while experimenting with

illicit drugs. There is no magic here. Certainly our students can find something better to do with their time, like study or some safer pastime.

If it's death that you want, just read the newspapers, or go to some warring nation somewhere in the world. The Lord will come for us in his own good time. He doesn't need any help from our irresponsible or illegal behavior, and certainly not while attending the Colorado School Mines where we are studying for our future professions as well as learning to become becoming responsible adults and hopefully as an example to others.

P.S. Your article was perfect!

Bryant Mook

Letter to the Editor

In response to the Oredigger articles About Steve Krishenbaum's death:

My deepest sympathies go out to Steve's family. I recently lost my father and the pain will never go away. But, we are supposed to bury our parents, that's the natural course of things. I can't even begin to imagine their pain.

I commend Mr. Hashem for the courage he demonstrated by writing an extremely controversial article about an equally controversial subject. In the past few months there has been a dramatic increase in the number of overdoses in Colorado. Every time it's the same, a good kid, no one would have suspected that they would overdose. Well, they probably were good people. Using drugs doesn't make someone a bad person, and it doesn't make their parents bad parents either. But to say that there were no indicators of what was going to happen is absurd. Maybe their parents were unaware or chose not to see, but surely their friends knew something was going on. Every time we twist the truth out of concern for the families, we are blind to the truth. We learn nothing and nothing ever changes.

There is a general trend in this country toward ignoring problems in hopes that they will disappear. It doesn't work that way. The foul bile of truth lingers on our palates and might keep us from repeating mistakes. It seems clear to me that in an open society such as ours it is impossible to completely stop drug use/abuse. Most people don't use drugs because they want to die - they want to have a new and fun life experience. What can be done to prevent tragedies like

this from occurring in the future? Possibly the practice of "more responsible" drug use. It is peculiar to me that someone could overdose on a small fraction of the LD 50 (lethal dose for 50% of the population, which for LSD is an incredibly large quantity). That aside, don't take an excessive amount of a drug. The LD 50's and pertinent information about how the drug affects your body are on the web. Look them up. If you are going to take a drug, be aware of what it is doing inside your body. Take an appropriate dosage. Don't ever use drugs alone. I'm not saying that you should get your friends to do them with you but you should be supervised by someone who isn't afraid to call an ambulance and tell them exactly what you've had.

I am not condoning drug use. Rather, recognizing that stopping at simply telling people not to do drugs is pure ignorance of the situation. Good people, our friends and children are still going to use drugs. They may as well do so safely and well informed, so that they live to out grow the phase.

I firmly believe that the article was written not from a lack of respect for the deceased or his family, but rather from a concern for the living and keeping them alive. To some it may have seemed like a character assassination of Steve, but I believe that the black truth had to be told if it is going to help prevent this from happening again.

H. William Wallace

Letter to the Editor

I am writing concerning the article in the February 8 Oredigger about the death of a Mines student due to drug overdose, and the related editorial. I would like to commend both the writer of these articles, and the Oredigger staff involved in the editing of them for some of the most meaningful news yet published by the CSM publications. Too often in modern publications, the idea of being politically correct hides the truth of the situation from the reader. Life is not necessarily a pretty thing; it hurts, it kills, and it insults. It does not care about a person's feelings, reputation, or dreams. The editorial in the before mentioned publication cast

aside the masks of political correctness and said what many people in this institution have needed to hear for a long time. The article though not terribly well written or articulated raised an important point about the life of today's college student: that many people in this introverted campus lack the social contact with both friends and family necessary for a healthy life. This situation takes a toll from the community in the form of alcohol and drug abuse, and even death. As difficult as it is for the friends and family of those who pay this price to hear it, they are all at fault. I can not help but applaud the writer for stepping outside of the comfort zone of

society and speaking his mind. Even when the truth is painful, it is still the truth. Truth is like history; those who don't learn it are often forced to experience it again and again until they do learn.

The February 8 Oredigger article set was in a very effective format to present these lessons of life; the first article stated the facts of the situation, and the second article told the truth of the situation, the non-PC bluntly stated truth. I would very much like to see this two-part format used in future Oredigger articles.

Dale Clark

The cafeteria bakery is asking for help from the student body

They would like to know if you have any suggestions for bakery items that have not been featured, such as breads, muffins, brownies or different types of cookies. They request that you tell the cashier your suggestions, so that they may be passed on to the bakery staff.

Letter to the Editor

The article entitled "Drugs, Death & Bad Choices" serves as an informative guide for the CSM student population. However, what are the author's intents behind this article? Perhaps Mr. Hashem (since it's only right to address someone older than my father with a courteous title such as mister) is genuinely concerned for the welfare of our students and is doing what he thinks best by providing as much information, personal reflection, and even lectures on one of the nation's most devastating cause of teen deaths. However, based on my personal acquaintance with Mr. Hashem, as well as my personal friendship with Steve Kirshenbaum, I can conclude that Mr. Hashem is in no position to pen this editorial.

I last spoke with Mr. Hashem Monday night when the article was due for Thursday's paper. Mr. Hashem asked me if I have a photograph of Steve for the Oredigger, I replied yes. He then proceeded to announce that there would be a front-page article regarding Steve's death and a photograph would make it look "nice." I later suggested that Dr. Kirshenbaum, Steve's father, might be able to provide a better photograph for the Oredigger. I am now regretting that I ever released his phone number that night. Instead of a simple eulogy honoring the memory of Steve to his family and friends, Mr. Hashem presented a fabrication of actual events.

True, Mr. Hashem had written about death of students here at Mines before, all of which were suicides. However if I were to write an article about Steve's pass-

ing, I would have briefly reported on the events surrounding his death but mainly concentrated on who he was; his background, loves, delights as a human being. Wait, that's what I would have done, certainly I shouldn't expect anyone else to report in such a personal style. That's what journalism should be, accurate and impersonal, right? Mr. Hashem wrote his article based mainly on speculations, then felt personal enough to follow with an editorial.

According to the Society of Professional Journalists, rule #2 of journalism is to minimize harm, "ethical journalists [should] treat sources, subjects, and colleagues as human beings, deserving of respect." Is this the action of Mr. Hashem, a frequent reporter for the CSM Oredigger? Can he be considered an "ethical" journalist? He described the events on a front page spread, feeling it necessary to leave us with images of Steve as "fucked up," then proceeded to include an editorial criticizing his family and friends. Mr. Hashem showed no respect for Dr. & Mrs. Kirshenbaum, Steve's friends, myself, and especially Steve.

What differs between this article and your past articles, Mr. Hashem, is that you knew Steve, he was not an international grad student who killed himself, he was the smart, charismatic, and, yes, sometimes crazy kid who was always hanging around your suite last year in Weaver.

Did he forget his purpose here at Mines? I can't speculate like you did, Mr. Hashem; but I speak for myself. Yes, I did forget my purpose at Mines, just like Mr. Hashem said. He accused me, the

student body, that we violated "the agreement with Mines to not erode the value of my degree." I was one of those "habitually intoxicated" people while living in Weaver, and if my memory is correct, there was many like me; and so were you, Mr. Hashem...

I must draw my conclusion soon or else this will turn into a 500-page memoir. As a final thought, I will like to address the Oredigger. I know for a fact that there are others who had responded to Mr. Hashem's editorial. Just as he decided to "let [his] guard down and spit out the ugly truth" and offer his "non-PC" piece of mind; likewise I am doing the same thing. I believe that Mr. Hashem should offer a formal apology to Steve, his friends and especially to his family for he did not "tell it like it is." It was not stress, Steve was intelligent, but damn right dumb when it comes to personal decisions, we are mad as hell at him, yet his death did not surprise us in the least bit. Mr. Hashem didn't even bother to find out Steve's mental history before preaching to us about "Sinners in the Hands of an Angry God."

In most major publications, Mr. Hashem would have been fired for violating the "rules of journalism." As a saving grace for the Oredigger, please provide the student body with something that is more worthwhile to read than Mr. Hashem's bi-weekly, ass kissing articles. For Mr. Hashem's reference, included is a copy of SPJ's rules of journalism.

Danna Luo

Oredigger Basketball

Karen Martin

On Feb. 6, the men's basketball team faced the Metro Roadrunners. The game was physical all the way and the 'Diggers played tough, but didn't come out on top. The Miners were defeated 69-81. The Roadrunners came out strong, capturing an early lead that they held on to until almost half-time. With three minutes left in the half, CSM made a run and tied the game. The 'Diggers couldn't hold on to the lead, but went into the locker room at half-time only down by seven points. In the second half, Metro State made yet another run; this time it was too much for the 'Diggers. After being down by 30 points at one time, CSM did get within 10 points before the night was over. Jeff Schindelus lead the team with 13 points in the game.

The men's basketball team traveled to Chadron Thursday evening to match up against the Eagles on Friday. In their first meeting the Orediggers beat Chadron, but this time the outcome was reversed. CSM was defeated 66-83 on Chadron's home court. This dropped the 'Diggers record to 10-12 overall and 7-9 in the RMAC Conference.

Sam Handsborough led the team with 14 points on the night and Tim Fry added 11 for the game. Kez Kennedy also contributed 8 points in Friday's loss. Handsborough shot 8-11 from the free-throw line. He also had five rebounds and three assists to lead the team. Mike McNish pulled down five boards as well. Mines had a total of 29 rebounds and 14 assists. The Orediggers made a couple of runs in the second half, but never took the lead from the Chadron Eagles.

Thursday, Feb. 15th the men's Oredigger basketball team defeated the Colorado Christian Cougars by nearly 40 points. The 'Diggers came out strong and led the entire way. The Miners outscored CCU 85-47. Kez Kennedy led CSM, scoring 15 points on the night. Sam Handsborough followed with 13 and Jeff Schindelus also added 10 points. Mike McNish led the team in rebounding, grabbing 15 in the game. At half time the Mines led 38-21 and the Cougars never shortened the gap. With the win, the team improved to 11-11 overall and 8-8 in the RMAC Conference.

Mines Men Grab Win over Regis

Kacey Kingry

The Colorado School of Mines men's basketball team improved their record to 12-11 overall and 9-8 in the Rocky Mountain Athletic Conference with a 74-65 win over Regis University Saturday afternoon at Volk Gymnasium in Golden. The Rangers fall to 10-14 on the season and 5-12 in the RMAC with the loss.

Senior forward Kez Kennedy and junior guard Tim Fry both tallied career-high point totals in the win for Mines. Kennedy to-

taled 24 points for the Orediggers as he went 7-of-13 from the floor, 1-of-3 from three-point range, and 9-of-12 from the foul line. Fry hit 10 of his 14 free throws to tally 16 points in the win.

Senior guard Sam Handsborough grabbed 14 points in the game and sophomore center Mike McNish grabbed a team-high eight rebounds for the Orediggers.

Senior center John Tharpe tallied a double-double for Regis

with 12 points and 13 boards in the game.

Mines shot 59 percent from the floor and 63 percent from behind the arc with 12 team blocks to get the win. Regis shot 36 percent from the floor and 81 percent from the free throw line.

Head coach Tim Harrison's 'Diggers hit the road to close out the regular season against Fort Hays State on Feb. 21 at 7 p.m., and Nebraska-Kearney on Feb. 22 at 6 p.m.

Lady Hoopsters Beat Regis

Kacey Kingry

The Colorado School of Mines women's basketball team grabbed a 53-49 win over the Regis University Rangers Saturday afternoon at Volk Gymnasium in Golden. The win improves Mines to 13-11 on the season and 10-7 in the Rocky Mountain Athletic Conference, while the Rangers fall to 15-9 and 10-7, respectively.

Sophomore center Kim Good led the Lady 'Diggers with 20 points and 12 rebounds in the game, pocketing one of the game's two double-doubles. Senior forward Andi Pruitt recorded a double-double for Regis with 13 points and 10 boards.

Vic Doperalksi's Orediggers shot 36 percent from the floor

and 90 percent from the free-throw line, while Linda Raunig's Rangers shot 34 percent and 75 percent, respectively.

The Lady 'Diggers hit the road next week to finish up the 2001 regular season. They play Fort Hays State on Feb. 21 at 6 p.m., and Nebraska-Kearney on Feb. 22 at 5 p.m.

Check Out the ORC Schedule for March

- 1 March - sign up deadline for Winter Park ski shuttle, \$10
- 2 March - Magnificent Mountaineers series presents author Janet Robertson's slideshow "Uppity Women of the Rockies"
- 2 March - Wellness Fair - try out new mountain bikes, scoop up "experienced" gear at great prices
- 3 March - sign up deadline for Spring Break Trip to Lost Creek Wilderness, \$35
- 3 March - ski shuttle to Loveland
- 3 March - Ice Skating on Evergreen Lake
- 4 March - sign up deadline for Full Moon hike (3/9), \$5
- Back by Popular Demand - Wednesday Bike Tuning Clinics -5:30-6:30 in the ORC
- 9 March - Full Moon hike on Dino Ridge/Dakota Hogback Trail
- 10 March - ski shuttle to Winter Park
- 10 March - snow tubing trip
- 14 March - sign up deadline for Keystone/A-Basin ski shuttle, \$10
- 13-17 March - Spring Break Trip
- 23 March - Magnificent Mountaineers series with author/adventurer Lou Dawson
- 24 March - Keystone/A-Basin ski shuttle
- 28 March - sign up deadline for Snow Tubing trip (4/7), \$25
- 28 March - sign up deadline for Winter Park ski shuttle (4/7), \$10

Outdoor Recreation Ski Shuttle Schedule

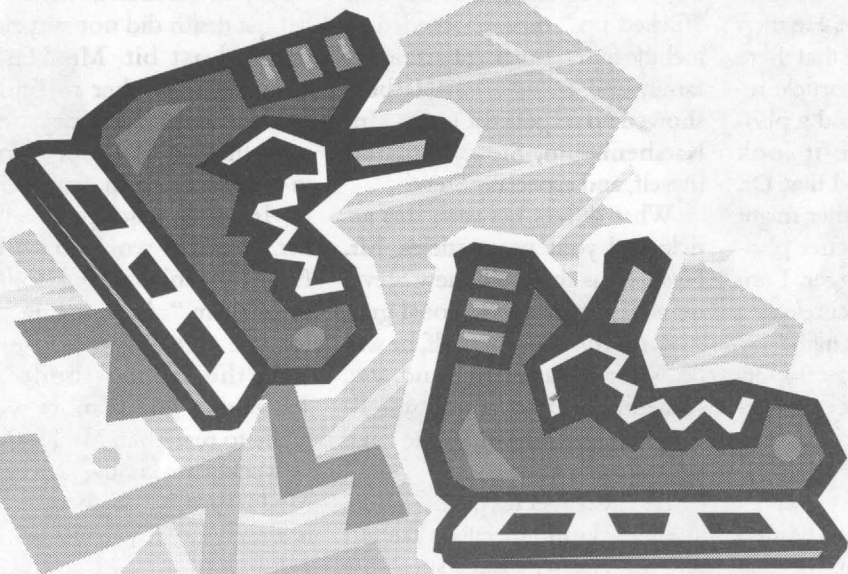
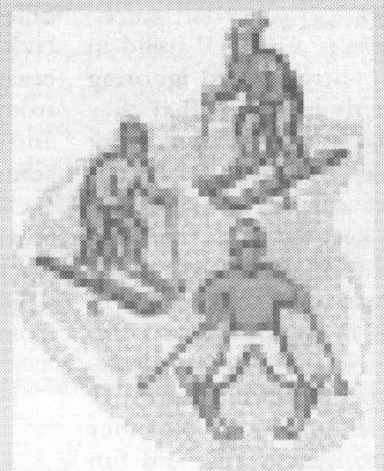
10 day advance sign up required

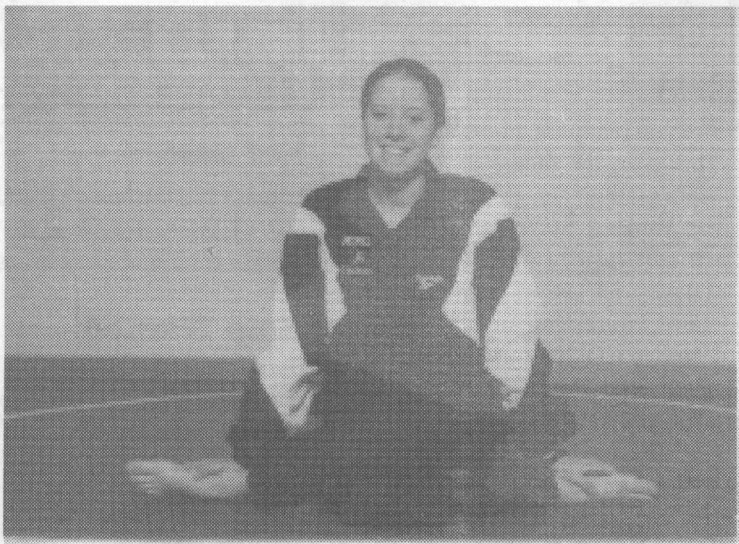
Trip fee is \$10

Van leaves the ORC at 7AM

303-278-6202

2/24	Copper Mountain
3/3	Loveland
3/10	Winter Park
3/24	Keystone/A-Basin
4/7	Winter Park





Jaclyn Mayercak

Jaclyn Mayercak Finishes Swimming Career at Mines

Andrew Haney and Nate Palmatier

Last weekend, Jackie Mayercak swam at the conference swim meet the same way as she always has: she broke more records. Jackie started setting records as a freshman, so for the past three years she con-

tinually bettered her own records. At the Central States Conference meet, she broke the 50-yard backstroke and the 100-yard breaststroke records with times of 0:28.92 and 1:10.04 respectively. Additionally, she owns

the 100-yard backstroke, and the 200-yard and the 400-yard breaststroke records. Jackie was a key member of the record-holding 200-yard medley relay, 400-yard medley relay, 200-yard freestyle relay teams at Mines.

CSM Wrestling Ranked 6th

Reece Bollinger

The Mines wrestling team has its first wrestler of the season ranked among the nation's best in NCAA II as senior Jody Trantham (18-12 overall) earned the sixth place ranking in the 149-pound weight class.

The Chugiak, Alaska native earned his position last week by defeating Kearney's Jacob Froscheiser 15-7 and Adams State's Angelo Duarte 6-2. These

wins also placed Trantham on the RMAC's notable wrestlers list for the week of Feb. 6th.

Trantham and the rest of the Mines grapplers wrestle in the regional tournament the weekend of Feb. 23-25. The top 40 individuals from each of four regionals advance to the 2001 NCAA II Wrestling Championships March 9-10 in Greeley, Colo.

XFL?WWF? Same Diff...

Jenna Rhodes

Just recently, there has been a breakthrough in professional football. A new football league, the XFL, has been formed and just began its season. This league was supposed to be the "back to basics" football, with few restrictions and more access to players. However, is this league all it was cracked up to be? Watching the first game, I managed to make my impression of the XFL. This stuff is football crossed with WWF.

It must be said, the whole

attitude of the game is cheesy. The whole idea of being allowed into the locker rooms and huddles is odd. The players and coaches talk trash about and to each other. Besides just wasting time, is this a good example to set? I thought sports were about good sportsmanship as well.

The whole attitude of the participants seems forced and fake. It is reminiscent of professional wrestling. How long before the XFL incorporates

scripted story lines into their show?

Finally, my last question is, why do we need the XFL? Does it actually serve a purpose in the world of football, besides allowing retired and cut players to have another chance at the game? Is the NFL not enough? The XFL might be something now, but I wouldn't count on it lasting. Even to those who do like football, too much of a good thing, isn't a good thing. And the XFL is pushing it.

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Miner Notes

Alpha Phi Omega

CSM's coed service fraternity meets Mondays in Meyer Hall 357 at 8 p.m. For information on how to pledge (even if you haven't attended any rush events) contact Adam Berig at aberig@mines.edu.

Anime Club

The next showing is on Wed., March 21 from 5-9 p.m. on the second floor of the Student Center. Hope to see you there. Contact info: mhaisfie@mines.edu

ASM/TMS

ASM/TMS has always had a strong presence on campus. Nevertheless, last semester, MT department head, Dr. J.J. Moore, combined all related materials societies into one called Materials Science and Engineering Club (MSEC). This included ISS, ACerS, AWS, and ASM/TMS. We welcome members from all departments. Email yhuang@mines.edu.

Ballroom Dance Club

Thursdays, 8:30-10 p.m. in the Student Center, Ballroom C. Practice sessions start at 7 p.m. before each lesson. \$18 semester dues, \$4 for drop-ins.

Board of Publications

If you have complaints regarding any of the publications at Mines, please feel free to contact a member of the Board of Publications. You can email the chair at clanders@mines.edu or the ASCSM representative Kip Findley at kfindley@mines.edu.

Bridge Club

If you like to play cards and want something more interesting than hearts or spades, why not try bridge? The CSM Bridge Club meets Wednesdays at 6 p.m. in the Coolbaugh atrium. Players of all skill levels are welcome.

Campus Crusade for Christ

All are welcome to join us for our weekly meetings Thursdays at 8 p.m. in the Student Center, Ballroom A. It is a place to fellowship with friends and grow in your walk with God. For more information, please e-mail jvigil@mines.edu.

Circle K

Come find out about the world's largest student-run service organization. Meetings are held Tuesdays, 6:30 p.m. at the Student Center. For more information, contact zachscully@lycos.com.

Earthworks

Are you interested in becoming involved in environmental issues at CSM? If so, Earthworks is for you. This semester we will be working on our Earth Day celebration, our recycling promotion around campus and a trail clean-up. Come check out the meetings or email: earthworks@mines.edu. All are welcome!

FCA

The Fellowship of Christian Athletes meets Wednesdays at 7:30 p.m. in the projection room on the second floor of Volk Gymnasium. All are welcome: Christians, athletes, both or neither. For more information email fbuckner@mines.edu.

High Grade

Need a creative outlet? *High Grade*, Mine's literary magazine, is looking for submissions in poetry, art, fiction and creative nonfiction. Submit by March 2nd, staff positions also available. Contact highgrade@mines.edu

International Society of Explosives Engineers

Find out what exciting speakers and activities we have planned for this semester! All CSM student and staff members are welcome. For more information, email jkramb@mines.edu

International Student Organization

The International Student Organization represents the interests of all internationals at CSM. Informal meetings are held at the International Office (1404 Maple Street) as needed. We welcome ideas on activities to further improve the experience of the international students and the Mines community at large. Contact Leslie 303-273-3210 or Kenny 303-215-0449

Kayak Club

Kayak Club holds pool sessions Mondays from 7:30-9:30 p.m. Everyone is welcome, beginners to advanced. Contact Nicole Baert at (303) 273-0507 or email nbaert@mines.edu.

Kendo Club

Traditional Japanese sword fighting NEW TIME & PLACE!! Tuesdays at 7 to 9 p.m. in the lower gym in the field house. New students and spectators welcome anytime for more information call Sensei King at 303-795-9040 or email at fourex@aol.com.

LDSSA

All students are invited to enjoy a guest speaker and lunch for \$1at the Latter Day Saints Student Association's Friday Forum, Fridays at noon at 1212 Arapahoe Street. E-mail meallen for more information.

Masters Swimming

All levels and interests are welcome Coach and lifeguard provided Cheap: Only \$35/semester Times: Mon-Thu: 5:45-7pm, Tue/Thu: 7:30-8:30am, and Sat: 1-3pm

Newman Group

The CSM Catholic Newman Group meets Tuesdays at 8:30 p.m. in the Ted Adams room of the Green Center. Everyone, regardless of beliefs or affiliation, is welcome and encouraged to attend. For more information email tnorick@mines.edu. See you Tuesday!!!

Outdoor Rec Center

Looking for a little recreation? Need equipment? Need lessons? Visit the Outdoor Recreation Center across the street from the IM fields. Hours: Mon-Fri 10 a.m.-6 p.m. and Sat-Sun 10 a.m.-2 p.m. 303-278-6202

PHATES

(Peers Helping Aid in Tough Everyday Situations) "We are listening..." Dedicated to listening to your problems. For more information, contact Mel Kirk at the Student Development Center, 303-273-3377.

Robotics Club

Students from any and every major are welcome to participate in the CSM Robotics Club. We build robots for competitions, including a robot for the SAE Walking Machine Challenge and one for the Battle Bots competition. We meet every week on Wednesday at noon in Berthoud Hall room 204. More information: cgoerzen@mines.edu

SCA

The Society for Creative Anachronism meets Fridays 7-9 p.m. in Kafadar Commons and in case of inclement weather, in the Field House. Questions? Contact David at (303) 278-3061 or dclement@mines.edu.

Sigma Lambda

Sigma Lambda is the student organization for the gay, lesbian, bisexual, and transgendered community at CSM. We welcome students, faculty, staff, and alumni to our meetings and social events. For more information, visit our web page at http://www.mines.edu/Stu_life/organ/glbe/ or email sigmalambda@mines.edu.

Sober Drivers

Need a ride home on Friday or Saturday night between 9 p.m. and 3a.m.? Call Kappa Sigma Sober Driver Program at (303)-279-9951. You must be within 15 minutes of campus.

Sports Nut?

Rapidly growing company seeking highly motivated and goal-oriented individuals to join our team. Training provided. Serious inquiries only. 1-877-387-3754

SWE

Are you ready for an inspiring year? This year, the theme of Society of Women Engineers (SWE) is "Inspiring Women." SWE is a fun club! You will have huge benefits: Evening with Industry, ice cream social party, and many interesting guest speakers. Come to CO 209 on Wednesdays at noon! Lunch will be served. Join SWE and have fun with us.

Ultimate Frisbee Organization

Mines Ultimate practices Tuesdays, Thursdays and Fridays at 5 p.m. on Kafadar field. This is a competitive team that travels to different areas around the state and country to compete in tournaments. If interested, view our website at http://www.mines.edu/Stu_life/organ/ufo/ and contact any of the officers for more information.

Water Polo

Mines water polo is off to an exciting start. Practices are Tuesdays and Thursdays from 7:45-9:45 p.m. and Saturday from 1-3 p.m. This is a coed team so please feel free to join us in Volk gym pool.

Women's Tennis Team

Practices are starting and new members are welcome; no experience necessary. If you would like more information, please contact Olivia Harren at oharren@mines.edu

Women's Ultimate Frisbee Team

Want to have fun, make friends and get in shape? Come be a part of Mines' Women's Ultimate Frisbee Team. No experience is required. Practice is on Kafadar Commons from 4-6 p.m., Tuesdays and Thursdays. For more information, call Julie West at 303-278-7431.

Women's Water Polo

Yes girls, the Colorado School of Mines finally has a women's water polo team. Our season is about to get underway. If you would like to join us for fun, exercise, or competition, we practice in the school pool on Monday and Wednesday nights from 7:00-9:00 pm, and Saturday from 11am-1 pm. All experience levels are encouraged to come be a part of this fun sport.

Please submit all Miner Notes and Classifieds by Friday, March 1

oredig@mines.edu

Classified Advertisements

For Sale.

Lamar 157 snowboard, great shape, \$60. Call Martin Castillo at (303) 273-3091 or email macastil@mines.edu

Help Wanted.

Buddhist Mines Student? A non-practicing student is searching for mindful friends. Know of any? infinity@spacehippy.net

Child care needed for infant, beginning July 18th, 7:30-5:30, Thursdays and Fridays. Your Golden location. Call Jennifer at x3899 or 303-403-4446.

Female quadriplegic (46) seeks students for home health care. Duties include assisting with personal hygiene, bathing, dressing, etc. Some lifting required. No experience necessary, will train. Part-time morning or evening hours available. Morrison area. \$7.50-\$10/hour. Please call Cheryl @ 303-697-6725.

Golden mother seeks domestic help; 5-10 hrs/week. Childcare and light housekeeping; fluency in a foreign language (Spanish, French, Italian) a plus! Please call for further information Elaine 278-4436.

Housesitter needed between 3/16 and 3/24. Executive home in the mountains at Genesee Park. Twelve minutes to Mines. Use of hot tub, home theater, fire places, internet. Prefer one or two female students. Email Tony Garrett at tgarett@worldnet.att.net

Nannies, Childcare. Professional care for children wanted 303-471-0704

Outdoor groundskeeper. Part time: 8-15 hours per week. Hours and days are flexible. \$9/hr Call Scott (303) 271-0644 or (303) 929-7444.

Part-time nanny, misc help for 9 mos. old boy in Golden. Contact Karen 303-279-0406.

Pepsi-Cola: Part-time merchandiser position \$10/hr, no overtime, bonus after 6 mos, mileage at set route rate, Thurs.-Mon. 4-8 p.m., min. 18 yrs. old, valid driver's license, proof of insurance, able to lift 40-50 lbs, good communication skills essential to maintain and build customer relations at store level. Inquire in person Wed. 6 p.m., or Thurs. 9 a.m. or 6 p.m., 3801 Brighton Blvd., Denver, CO 80216

Small technology mgmt consulting firm in downtown Golden seeks student for part-time admin. and technical marketing support. Approx. 20 hr/week, flexible. Computer & internet skills, good writing and interpersonal skills required. HTML and web development a plus. Contact Rich at 303.279.2271. Fax resume to 303.279.2282 or email info@temi.com.

Traffic Studies part time work Tues., Wed., Thurs., 7-9 a.m. and 4-6 p.m. up to \$20/hr. Call Eric @ 303-422-7985